

Civil Engineering

1965 INDEX

THE MAGAZINE OF ENGINEERED CONSTRUCTION

ASCE

January–December 1965

INDEX



Volume 35

Civil Engineering Departments

Advertising
Am-Soc Briefs
ASCE Meetings Schedules
ASCE News*
Applications for Membership
Byline Washington
Catalog Digests
Civil Engineering Abstracts
Deceased
Do You Know That
Engineering Salary Index
Engineers' Information Service
Engineers' Notebook*
Equipment, Materials and Methods

Exam Gems
Films Available
From the Manufacturers
Index to Advertisers
Literature Available
New in Education
New Publications
News Briefs*
News of Members
Non-ASCE Meetings
Notes from the Local Sections
Proceedings Available
The Readers Write*
Recent Books
The Younger Viewpoint

*Indexed

Index for Civil Engineering

JANUARY-DECEMBER 1965, Vol. 35



Items concerning societies in a specific field appear under the specific subject head.

The Society is not responsible for any statements made or opinions expressed in its publications.

Reprints from this publication may be made on condition that full credit be given to the author and credit to CIVIL ENGINEERING, and that date of original publication be stated.

Subject Index

ADMIXTURES

Alabama--Low Cement Content for Mass Concrete in TVA's Guntersville Lock, J. C. McCraw, CE:Nov 65:70

AERATION

Better Activated Sludge by the Kessener-Brush Aeration Process, H.R. Carter, CE:Dec 65:67

AERODYNAMICS

Combined Aerodynamic and Structural Design of Light-Weight Flight Structures, Robert W. Fralich, CE:Aug 65:60
Washington--Legacy of Galloping Gertie (Tacoma Narrows Bridge), Robert Goller, CE:Oct 65:50

AERO-SPACE TRANSPORT

ASCE Aero-Space Transport Division National conference Nov. 17-19, Cocoa Beach, Fla., CE:Jun 65:51; Sep 65:44; Program, Oct 65:82
Combined Aerodynamic and Structural Design of Light-Weight Flight Structures, Robert W. Fralich, CE:Aug 65:60
Conference on relationships of National Aeronautics and Space Admin. with engineering consultants, CE:Mar 65:74
Florida--Criteria for Construction in Creating Another Cape Kennedy Colossus, George H. Kirkland, CE:Oct 65:59
Florida--Last steel placed in Vertical Assembly Building, CE:Jun 65:91

AGGREGATES

Highway Research Board report helps solve aggregate-handling problem, CE:Feb 65:82

AIR-ENTRAINED CONCRETE

Alabama--Low Cement Content for Mass Concrete in TVA's Guntersville Lock, J.C. McCraw, CE:Nov 65:70

AIRFIELDS

Military Engineering in Vietnam, Peter A. Corradi, CE:Nov 65:47

AIR POLLUTION

Air Pollution from Incinerators--Causes and Cures, Leo P. Flood, CE:Dec 65:44
New York City's Air Pollution Index, M.M. Braverman and C. Theophil, CE:Apr 65:64
Urban Atmospheric Pollution, Albert F. Bush, CE:May 65:66
Dsc: Herbert E. Clark, Jr., CE:Jul 65:76
M.I. Goldman, CE:Aug 65:74; Author's reply, CE:Aug 65:75

AIRPORTS

Airports and Transit Systems--the Engineer's Challenge, J.K. Carr, CE:Apr 65:38
Dsc: Herbert C. Westfall, CE:Jun 65:72
Massachusetts--New terminal building for Boston airport, CE:May 65:88

Planning a National Airport System to Serve the 70's, Cole Morrow, CE:Aug 65:62

AMERICAN SOCIETY OF CIVIL ENGINEERS

(ASCE) Awards and Prizes

Board of Direction announces prizes and awards, CE:Jun 65:51
Daniel Mead Prizes to be presented at Mobile, CE:Feb 65:46
Nineteen awards and prizes to be awarded to 23 at Annual Meeting, CE:Oct 65:91
See also (ASCE) Research

(ASCE) Ballots

Tellers canvas nominating ballot for 1966 officers, CE:Jul 65:78

(ASCE) Board of Direction

Board of Direction meets in New York, CE:Jan 65:40
Meets in Kansas City, CE:Nov 65:100
Meets in Minneapolis, CE:Jun 65:78
Meets in Mobile, Ala., CE:Apr 65:81

(ASCE) Code of Ethics

Ethical violation requires expulsion of Mitchell J. Alster, CE:Jul 65:45

(ASCE) Committees

Committee on Plastics to Report at Environmental Engineering Conference, CE:Aug 65:88
Committee on Standards reviews report by Dept. of Commerce Technical Advisory Board, CE:Oct 65:100
Hydraulic Division's Committee on Sedimentation meets Aug 28, CE:Oct 65:97
Task Committee on Continuing Education holds first meeting in Chicago, June 19, CE:Aug 65:80
Transportation Engineering Coordinating Committee recommends Technical Council on Urban Transportation, CE:Aug 65:95

(ASCE) Conferences

Dscs, W.M. Sangster and J.F. Friedkin, CE:May 65:72, favoring the ASCE specialty conference
Environmental Engineering Conference and Annual Meeting, Kansas City, Oct. 18-22, Program, CE:Aug 65:76; Sep 65:76; Report Nov 65:56
1965 Pacific Northwest Conference, Richland, Wash., reported, CE:Sep 65:78
Structural Engineering Conference, Miami Beach, Fla., Jan. 31-Feb. 4, 1966; Mexico City meeting to follow, CE:Mar 65:73; Program Nov 65:89; Dec 65:50; Dec 65:74
Transportation Engineering Conference, Minneapolis, Minn., May 17-21, CE:Mar 65:42; Program, Mar 65:65; Report, Jun 65:44
Dsc, L.A. Moorhouse, CE:Sep 65:73
Water Resources Engineering Conference, Mobile, Ala., March 8-12, 1965, CE:Dec 64:54; Program, Jan 65:74; Report, Apr 65:46; May 65:82
Dsc, Reed J. Petersen, CE:Jul 65:76; F. Stewart Brown, CE:Aug 65:75

(ASCE) Education

Civil Engineering Responsibilities and Engineering Education, Wallace L. Chadwick, CE:Jul 65:35
Career guidance program needs ASCE support, CE:Sep 65:79
What ASCE Is Doing, with Policy Statement on Continuing Education, William A. Conwell, CE:May 65:32

(ASCE) Ethics

ASCE says Alabama charges need further investigation, CE:Apr 65:82
Ethical implications of computer services advertising, CE:Jan 65:41
Ethical Problems in Engineering published by well-known engineers-educators, CE:Aug 65:45
Product Endorsement by Engineers, William H. Wisely, CE:Apr 65:41

(ASCE) Executive Secretary

For articles and editorials by, see Name Index, William H. Wisely
W.H. Wisely reappointed to N.Y. State Health Council, CE:Jun 65:79

(ASCE) History

Committee on History and Heritage of American Civil Engineering formed, CE:Mar 65:44

(ASCE) Honorary Members

Camp, Casagrande, and Gilchrist elected Honorary Members, CE:Oct 65:90
Frank Kerekes dies, CE:Dec 65:50
John I. Parcel dies, CE:Jul 65:78
Karl Imhoff dies, CE:Nov 65:104
O.H. Ammann dies, CE:Nov 65:101

(ASCE) Insurance

Dividend credit for ASCE insurance plan announced, CE:Jun 65:81

(ASCE) Local Sections

California--Los Angeles, Sacramento, San Diego, and San Francisco Local Sections organize Committee for Public Action, CE:Dec 65:73
Los Angeles Section presents program on next 50 years in civil engineering, CE:Jul 65:77
Los Angeles section reports on detergent problem, CE:May 65:46
Massachusetts Local Section makes salary survey, CE:Oct 65:97
Metropolitan Section Committee studies award practices, CE:Feb 65:44
Metropolitan Section sponsors symposium on water, CE:Feb 65:72
National Capital Section sponsors panel on highways and monuments, CE:Jun 65:83
Pacific Southwest Council holds annual conference, CE:Jun 65:81
You and Your Local Section, W.L. Chadwick, CE:Apr 65:37

(ASCE) Membership

ASCE members elected to Academy of Engineering, CE:May 65:45

Civil Engineering is the official monthly publication of the American Society of Civil Engineers.
Editorial and Advertising Offices, 345 East 47th St., New York, N. Y. 10017. Printed, 1965, in U.S.A.

Membership Promotion in ASCE, William H. Wisely, CE:Jun 65:35
Dsc, Fred Camp, CE:Aug 65:75

(ASCE) Officers

Eight new officers to be installed in Oct, CE: Oct 65:88

(ASCE) Outstanding Civil Engineering Achievement Award

Chesapeake Bay Bridge-Tunnel given 1965 award, CE:May 65:44
Four projects in competition for 1965 award, CE:Jan 65:85

(ASCE) Presidents

Wallace L. Chadwick, for articles see name index.

William J. Hedley elected 1966 president, CE:Oct 65:86

William J. Hedley nominated for president, CE:Jun 65:80

(ASCE) Professional Objectives

Are We Geared to Long-Range Objectives?, Wallace L. Chadwick, CE:Jan 65:38

(ASCE) Professional Practice

Interprofessional Relations, William H. Wisely, CE:Aug 65:33
Dsc, Victor W. Buhr, CE:Nov 65:98; Sergei N. Grimm, CE:Nov 65:99; John A. Logan, CE:Nov 65:99

(ASCE) Public Affairs Forum

An Awareness of Reality, Bruce G. Johnston, CE:Jan 65:58
Where Is Engineering Education Today?--From the Educator's Viewpoint, Gene M. Nordby, CE:Feb 65:56

(ASCE) Publications

CIVIL ENGINEERING can help with notices of meetings, CE:Jul 65:80

CIVIL ENGINEERING chosen as outstanding in its class by Printing Industries of Metropolitan New York, Inc., CE:Mar 65:62

Division Journals to become available on subscription basis, CE:Aug 65:45
Second Terzaghi Lecture by Dr. Casagrande available, CE:Aug 65:90

DSC, Anton Tedesco, CE:Oct 65:81

CIVIL ENGINEERING columnist, R. Robinson Rowe retires, CE:Jan 65:91

CIVIL ENGINEERING readers report on articles they liked best, CE:Mar 65:74

Transactions for 1965 available to members, CE:Jan 65:86

Transactions in new form discussed, ASCE: Jan: 65:83; Feb 65:68

(ASCE) Public Relations

ASCE television program, "Metropolitan Planning and Design," scheduled, CE:Apr 65:84; May 65:80

(ASCE) Registration of Engineers

ASCE policy on registration of engineers, CE: May 65:78
Dsc by Richard S. Howe, CE:Jul 65:75, on The Younger Viewpoint, "Time to Re-Tool Registration Requirements," CE:Mar 65:78

(ASCE) Research

ASCE and Colorado State University to study civil engineering research, CE:Aug 65:44
ASCE to co-sponsor conference on urban hydrology research and storm drainage, CE: Mar 65:75

Walter Huber Research Prizes to be presented at Mobile, CE:Feb 65:70

See also (ASCE) Scholarships and Fellowships

(ASCE) Salaries

Massachusetts Local Section makes survey, CE:Oct 65:87

(ASCE) Scholarships and Fellowships

Applications for 1966 scholarships opened, CE:Sep 65:79

David J. Ayres named ASCE Research Fellow, CE:Apr 65:82

Freeman Fellowship awarded to associate professor at Colorado State University, CE: Sep 65:45

O. H. Ammann Research Fellowship in Structural Engineering for 1965 awarded to John Mozer, CE:Sep 65:77

1965-1966 Student Chapter Scholarships awarded, CE:Sep 65:43

(ASCE) Staff

Frank Schneller joins public relations firm, CE:May 65:46

Howard Mattson joins staff of CIVIL ENGINEERING, CE:Aug 65:44

(ASCE) Student Chapters

Certificates of Commendation and Letters of Honorable Mention awarded to Student Chapters, CE:Sep 65:45
1965-1966 Student Chapter Scholarships awarded, CE:Sep 65:43

(ASCE) Surveying and Mapping

National Engineering Surveying conference a part of Environmental Engineering Conference, CE:Nov 65:62

(ASCE) Technical Divisions

Aero-Space Transport Division National Conference, Nov. 17-19, Cocoa Beach, Fla., CE: Jun 65:51; Sep 65:44; Program, Oct 65:82

Coastal Engineering Specialty Conference, Santa Barbara, Calif., Oct. 11-13, Program, CE:Sep 65:68; Report, Dec. 65:73

Construction Division Conference: Quality in Engineered Construction, St. Louis, Mo., June 16-18, Program, CE:Apr 65:76; May 65:45
Report, Aug 65:42

Dsc, B. E. Weinberg, CE:Aug 65:75

Engineering Mechanics Division Conference, Apr. 12-14, CE:Mar 65:44; Report, Jun 65:80

Engineering Mechanics Division forms Committee on Non-Newtonian Flows, CE:Feb 65:72

Hydraulics Division's Committee on Hydrometeorology meets in El Paso, Tex., CE: Feb 65:45

Hydraulics Division Conference, Aug 25-27, CE:Jun 65:83; Program, July 65:73

Irrigation and Drainage Division conference, "Development of Total Watershed," Oct. 6-9, Billings, Mont., CE:Jul 65:79; Program, Sep 65:72; Report, Dec 65:51

Irrigation and Drainage Division conference, El Paso, Tex., Dec. 2-4, 1964, CE:Jan 65:94; Feb 65:71; Apr 65:84

Pipeline Division co-sponsors Pipeline Industry Development Conference, Houston, Texas, Nov. 3-5, Report, CE:Dec 65:51

Power Division's first specialty conference, Denver, Colo., Aug 18-20, CE:Feb 65:46; Mar 65:74; Program, Jun 65:76; Jul 65:79

Sanitary Engineering Division sponsors Symposium on Research, Development and Design, CE:Apr 65:83; Report, Sep 65:42

Structural Division Conference on wood, Chicago, Ill., June 9-11, CE:Apr 65:84; Program, May 65:71; Report, July 65:44

Urban Planning and Development Division's Committee on Land Use Planning plans ASCE publication on urban planning, CE:Jul 65:80

Urban Planning and Development Division Conference, San Juan, Puerto Rico, Oct. 28-29, Program, CE:Sep 65:70

Waterways and Harbors Division seeking papers for conference on coastal engineering, CE:Mar 65:74

APARTMENT BUILDINGS

California--Prestressed concrete apartment tower rises in Long Beach, CE:Feb 65:86

Illinois--Ground broken for Chicago skyscraper, CE:May 65:85

AQUEDUCTS

California--California Water Project, power plans and demands, Alfred R. Golze, CE: Feb 65:35

California--Steel pipe for South Bay Aqueduct, Alfred R. Golze, CE:Mar 65:36

ARBITRATION

Arbitration in Engineering and Construction, CE:Jul 65:60

Dsc: M. Harry Wartur, CE:Oct 65:80

ARCH BRIDGES

Brazil--concrete arch links Brazil and Paraguay, CE:May 65:89

ARCH DAMS

Colorado--Reclamation Firsts: Underground Power Plant at Morrow Point Dam, B. P. Bellport, CE:Feb 65:40

ARCHES

Missouri--St. Louis Steel Arch, Symbol of the Spirit of the Pioneers, J. E. N. Jensen, CE:Oct 65:64

Missouri--St. Louis Gateway Arch completed, CE:Dec 65:84

ASPHALT

Barge Decks Resurfaced with Asphalts, William P. Helbock, CE:Nov 65:54

Highway Research Board makes grant for asphalt study, CE:Apr 65:95

AWARDS AND PRIZES

AISC awards 16 bridges opened in 1964, CE: Dec 65:86

AISC names 1965 Architectural Awards of Excellence, CE:Aug 65:103

Alfred Noble prize awarded to electrical engineer, CE:Sep 65:44

John Fritz Medal awarded to W. K. Lewis, CE:Nov 65:102

1966 Moles Awards announced, CE:Dec 65:85

O. H. Ammann wins National Science Medal, CE:Jan 65:41

Prestressed Concrete Institute names 10 projects in 1965 Awards Program, CE:Aug 65:104

Thomas R. Camp Medal established by Water Pollution Control Federation, CE:Feb 65:86

Washington Award for 1965 goes to Glenn T. Seaborg, CE:Mar 65:43

Wilbur S. Smith wins Matson Memorial Award, CE:Aug 65:104

AUTOMATION

California--Rapid-Transit Test Track for San Francisco, Leslie A. Irvin, CE:Aug 65:48

New York--Automatic Garage Attendant Keeps Tabs on Traffic and Tolls, CE:Aug 65:54

BARGES

Barge Decks Resurfaced with Asphalts, William P. Helbock, CE:Nov 65:54

BEACHES

Florida--Jupiter Island uses offshore sources for beach nourishment, CE:Jun 65:95

BEAMS (Structural)

Design Charts for Symmetrically Haunched Members, Rayford B. Smith, CE:Aug 65:72

Design of Concrete Beams and Slabs, Anselm Cefola, CE:Oct 65:83

BIDS

Metropolitan Section Committee studies award practices, CE:Feb 65:44

BRIDGE PIERS

Post-tensioned Viaduct Piers, Edward P. Keiner, Jr., CE:Jan 65:72

BRIDGES (Structures)

AISC awards 16 bridges opened in 1964, CE: Dec 65:86

AISC honors most beautiful steel bridges opened between Jan 1963 and Oct 1964, CE: Jan 65:99

California--Winter floods destroy bridges, CE:Feb 65:80

Canada--Bridge-tunnel to connect New Brunswick and Prince Edward Island, CE:Sep 65:90

Delaware--Contract let for Delaware Memorial Bridge twin span, CE:Feb 65:86

Delaware--Steel erection begun on Delaware Memorial Bridge, CE:Dec 65:88

England--London Bridge to be replaced, CE:Sep 65:87

Handbook on bridge design available from U. S. Steel, CE:Nov 65:116

Japan--Longest bridge may be built across Tokyo Bay, CE:Feb 65:80

New Jersey--Approaches to Goethals Bridge to be improved, CE:Feb 65:84

New York--Bridge over Long Island Sound proposed, CE:Apr 65:95

New York--Linseed-Oil Protection for New York State Thruway Bridges, Robert J. Walsh, CE:Jul 65:39

New York--World's largest pile driver helps build Riker's Island Bridge in New York City, CE:Apr 65:98

Pennsylvania--Trolley system aids railroad bridge repair, CE:Oct 65:106

Portugal--Roadway for Tagus River Bridge begun, CE:Jul 65:85

Post-tensioned Viaduct Piers, Edward P. Keiner, Jr., CE:Jan 65:72

South Carolina--Second Cooper River Bridge nears completion, CE:Nov 65:113
 Two books on bridges reviewed, CE:Dec 65:88
 Virginia--Chesapeake Bay Bridge-Tunnel project given ASCE's Outstanding Civil Engineering Award for 1965, CE:May 65:44
 Winter weather effects on bridge floors to be studied at Univ. of Illinois, CE:Jun 65:94
 See also under specific headings, such as SUSPENSION BRIDGES, etc.

BUILDING CODES

Charts Simplify Reinforced-Masonry Design, J.N. Littlefield, CE:Aug 65:73
 Welding Codes Updated, addenda issued to AWS Building Code and Bridge Specification, CE:May 65:69

BUILDINGS

Apollo--a Trip to the Moon--symposium, (1) Vehicle Assembly Building--Project Description, Organization and Procedures, William D. Alexander, CE:Jan 65:42; (2) Design of the Vehicle Assembly Building, Anton Tedesko, Jan 65:45; (3) VAB--Design of Foundations, Philip C. Rutledge, Jan 65:50
 Dsc: E.M.T. Ryder, CE:Apr 65:80
 California--Contract let for \$17 million VA building in Long Beach, CE:Feb 65:81
 Combination Water Systems for High-Rise Buildings, G.D. Testin, CE:Apr 65:65
 Concrete Need Not Hibernate, Howard C. Wiechman, CE:Nov 65:78
 Florida--Last steel placed in Vehicle Assembly Building, CE:Jun 65:91
 Florida--Liaison Insures Quality Control for Vehicle Assembly Building at Cape Kennedy, Charles I. Orr, CE:Oct 65:56
 Foundations on Fissured Limestone--How They Were Selected, Henry M. Reitz, CE:Sep 65:52
 Jackson, Miss. in 2039, A.D. CE:Apr 65:59
 Dsc: George C. Stewart, CE:Jul 65:75
 "National Building News Service" started, CE:Apr 65:99
 Ohio--Dormitory and Dining Hall completed for Ashland College, CE:Feb 65:83
 Structural Maintenance--the Third Element in the Structural Engineer's Professional Package, T.C. Kavanagh and S.M. Johnson, CE:May 65:52
 Thermal Stresses due to Unequal Thermal Coefficients of Concrete and Reinforcing Steel, T.A. Holm, CE:Feb 65:63

CAISSONS

Sweden--Building Foundation Built as a Caisson for Port Storage in Stockholm, Hal W. Hunt, CE:Jan 65:60

CANALS

The Amazing Pennsylvania Canals, W.H. Shank, CE:Jan 65:66
 California--USBR lets contract for Tehama-Colusa canal CE:Aug 65:103
 Florida--The Cross-Florida Barge Canal under Construction, F.O. Biehn, CE:May 65:48
 Members named to Panama Canal Commission, CE:Jun 65:95

CHANNELS (Waterways)

Stabilizing the Lower Mississippi River, Ellsworth I. Davis and Ernest B. Lipscomb, CE:Nov 65:64

CHURCHES

Illinois--Church at Niles features large clear-span dome, CE:Sep 65:88

CIVIL DEFENSE

New Trends in Fallout Protection, Seymour Wengrovitz, and Gordon W. Hirtle, CE:Jul 65:47
 Three courses in nuclear defense design offered, CE:Oct 65:107

CIVIL ENGINEERS

See also Department, "Who Am I?" in each issue of CIVIL ENGINEERING beginning with March 1965.

COASTAL ENGINEERING

Coastal Engineering Specialty Conference, Santa Barbara, Calif., Oct. 11-13, Program, CE:Sep 65:68; Report, Dec 65:73

COLD-WEATHER CONSTRUCTION

Alaska--Plastic Insulation vs. Deep Trenching for Seldovia Water Mains, Frank Nyman, CE:Mar 65:40

Alaska--Utilities for a Relocated Town in Valdez, James W. Poirot, CE:Mar 65:50
 Canada--Winnipeg Favors Utility Construction in Winter, W.S. Brock, CE:Jul 65:66
 Concrete Need Not Hibernate, Howard C. Wiechman, CE:Nov 65:78
 Do's and Don'ts of Cold-Weather Concreting, A.T. Hersey, CE:Jul 65:36
 South Dakota--Oahe Dam protected against cold weather, CE:Jul 65:86
 Utah--Lift Slabs (in Salt Lake City) Cast under Plastic Cover for Raising in Spring, Robert Sawyer, CE:Jul 65:42
 Winter weather effects on bridge floors to be studied at Univ. of Illinois, CE:Jun 65:94

COLLECTIVE BARGAINING

Collective Bargaining for Municipal Engineers, Herman P. Zanon, CE:Sep 65:50
 To Bargain or Not to Bargain, E. Lawrence Chandler, CE:Aug 65:41

COMPOSITE CONSTRUCTION

Composite Design Cuts Cost of Small Warehouse, Edward B. Finkel, CE:Aug 65:46

COMPUTERS

California--Computer control for San Francisco Bay Area Rapid Transit, CE:Mar 65:85
 Computer at MIT to serve New England, CE:Oct 65:104
 Computer System Designed for Teaching and Structural Research at MIT, William A. Little and Kenneth Reinschmidt, CE:Aug 65:71
 Electronics in Surveying, Edmond T. Miller, CE:May 65:29
 Ethical implications of computer services advertising, CE:Jan 65:41
 Florida--Criteria for Construction in Creating Another Cape Kennedy Colossus, George H. Kirkland, CE:Oct 65:59
 Stadia--an Automatic Data Input Assembler for Topographic Surveys, Paul D. Spindel, CE:May 65:51
 Steel Fabrication Drawings by Computer, Alfred H. Palmer and Herbert T. Blomquist, CE:Feb 65:50
 Dsc: Henry G. Hurd, CE:May 65:74, reply by author, May 65:74
 Twelve computer programs to be developed by AASHTO to cover civil engineering, CE:Jul 65:87

CONCRETE

Alabama--Low Cement Content for Mass Concrete in TVA's Guntersville Lock, J. C. McCraw, CE:Nov 65:70
 Belleville Locks on the Ohio River, R. B. Howard, CE:Nov 65:51
 Cellular Concrete Block Revetment, D. A. Parsons and R. P. Apmann, CE:Feb 65:66
 Concrete firms found new industry society, CE:Mar 65:86
 Concrete Need Not Hibernate, Howard C. Wiechman, CE:Nov 65:78
 Design of Concrete Beams and Slabs, Anselm Cefola, CE:Oct 65:83
 Do's and Don'ts of Cold-Weather Concreting, A.T. Hersey, CE:Jul 65:36
 Greece--A Concrete Cutoff Wall for Earth-fill Peneos Dam, Th. C. Gofas, CE:Jun 65:56
 Lateral Pressure of Concrete on Formwork, R.L. Peurifoy, CE:Dec 65:60
 New York--Linseed-Oil Protection for New York State Thruway Bridges, Robert J. Walsh, CE:Jul 65:39
 Understanding the Corrosion Resistance of Concrete Pipe, John A. Shaw, CE:Jun 65:39

CONCRETE DAMS

Italy--Valent Reservoir Disaster, George A. Kiersch, CE:Mar 64:32
 Dsc: G.E.H. Ballard, CE:Jul 64:70; Author's reply, Jul 64:70; Dsc, Carlo Berghinz, Mar 65:63

CONDUITS (Water)

California--Delta-Mendota Canal walls to be raised, CE:Mar 65:86

CONSTRUCTION

ASCE Construction Division Conference: Quality in Engineered Construction, St. Louis, Mo., June 16-18, 1965, program, CE:Apr 65:76; May 65:45; Report, Aug 65:42
 Belleville Locks on the Ohio River, R.B. Howard, CE:Nov 65:51
 How to Improve Quality Control of Construction, Hal W. Hunt, CE:Oct 65:54

Improved Inspection on the West Coast, John Steinbrugge, CE:Oct 65:79
 More unit prices around the world (from U.S. Air Force), ASCE Construction Div. Committee Report, CE:Jun 65:75
 Quality Controls for Steel Construction, Milton Brumer CE:Oct 65:76

CONSTRUCTION INDUSTRY

Arbitration in Engineering and Construction, CE:Jul 65:60
 California--Associated General Contractors of America hold annual meeting March 15-18 in San Francisco, CE:May 65:84
 Construction spending increases in Aug., CE:Oct 65:106
 Contracting Conditions and Construction Quality, Wallace L. Chadwick, CE:Aug 65:53
 Dsc: M. Harry Wartur, CE:Nov 65:99
 Dravo to acquire Gibbs and Hill, CE:May 65:89
 Film on construction and importance of general contractor released, CE:Nov 65:116
 How to Inspect Construction, Benjamin P. Cohen, CE:Oct 65:62
 1966 Moles Awards announced, CE:Dec 65:85
 Moles name Richard E. Mynatt president, CE:Jun 65:95

CONSTRUCTION VOLUME

Measured by construction spending, CE:Jan 65:100; Feb 65:82; Apr 65:97; May 65:88; Jul 65:85; Aug 65:106; Sep 65:89; Dec 65:86

CONSULTANTS

CEC foresees good year for consultants, CE:Jan 65:97
 Consulting Engineers Council holds national convention in St. Louis, CE:Jul 65:84
 Starting Your Own Consulting Practice--Business and Finance, Joseph S. Ward, CE:Jan 65:53
 The American Consulting Engineer Abroad, Edward J. Quirin, CE:Mar 65:45; Apr 65:54; May 65:60

CONTRACTS

Contracting Conditions and Construction Quality, Wallace L. Chadwick, CE:Aug 65:53
 Dsc: M. Harry Wartur, CE:Nov 65:99
 Legal Aspects of Quality Control, Robert B. Jarvis, CE:Oct 65:71
 Metropolitan Section Committee studies award practices, CE:Feb 65:44
 The American Consulting Engineer Abroad, Edward J. Quirin, CE:Mar 65:45; Apr 65:54; May 65:60

CORROSION

Understanding and Controlling Corrosion, Harry Neugold, Jr., CE:Mar 65:57
 Dsc: R.E. Bald, CE:May 65:74
 Understanding the Corrosion Resistance of Concrete Pipe, John A. Shaw, CE:Jun 65:39

COSTS

Composite Design Cuts Cost of Small Warehouse, Edward B. Finkel, CE:Aug 65:46
 Graphical Method for Discounting Future Benefits in Feasibility Studies, George E. Ribble, CE:Nov 65:86
 More unit prices around the world (from U.S. Air Force), ASCE Construction Div. Committee Report, CE:Jun 65:75

CRITICAL PATH METHOD

Colorado--Denver's Metro Waste Treatment Plant, William L. Bedrar, CE:Dec 65:64

CULVERTS

Colorado--70-ft Underpasses of Corrugated Steel Pipe for Broadmoor Hotel, Colorado Springs, Nick Pinello, CE:Nov 65:84

DAMAGE

Prestressed Lift Slabs Withstand Fire, G.E. Troxell, CE:Sep 65:64
 Switzerland--Avalanche buries Mattmark Dam construction camp, CE:Nov 65:112

DAMS

Arkansas--Turbines ordered for Ozark Dam project on Arkansas River, CE:Nov 65:116
 Australia--Contract let for Blowering Dam in New South Wales, CE:Apr 65:96

California--California Water Project, Power Plans and Demands, Alfred R. Golze, CE: Feb 65:35

California--Construction accelerated on Exchequer Dam on Merced River, CE:Jul 65:87
California--Hell Hole damsite damaged in Dec. flood, CE:Apr 65:97

Canada--Construction begun on Arrow Dam in British Columbia, CE:Jul 65:86

Canada--Hydro Development of the Manicouagan and Outardes Rivers in Quebec, Benoit Baribeau, CE:Dec 65:53

Mexico and U.S.--Construction on Amistad Dam started Jan, 1965 by U.S. and Mexican governments, CE:Jan 65:98

Mexico--Balsas River Dam to be ready soon, CE:Apr 65:99

Montana--Yellowtail Dam to be completed in spring of 1966, CE:Nov 65:112

North Carolina--Controlling Leakage from Cowans Ford Dam, Joe T. Moore, CE:Jun 65:52
Pennsylvania--Maxwell Locks and Dam completed, CE:Dec 65:88

South Dakota--Oahe Dam protected against cold weather, CE:Jul 65:86

Switzerland--Avalanche buries Mattmark Dam construction camp, CE:Nov 65:112

Tennessee--Nickajack Dam, a Replacement for Hales Bar, Floyd P. Lacy, Jr., and Ward W. Engle, CE:Jul 65:50

Washington--Army awards its largest civil works contract for Little Goose Lock and Dam, CE:Aug 65:105

Washington--Tacoma City Light starts work on Mossyrock Dam, CE:Jun 65:93

West Virginia--Pike Island Dam on the Ohio River is completed, CE:Oct 65:106

See also under specific headings, such as ARCH DAMS, etc.

DESALTING

California--Nuclear-fueled sea water conversion plant recommended by Bechtel, CE: Aug 65:105

Cuba--Seawater conversion plant for Guantanamo U.S. Naval Base, CE:Apr 65:99
Proceedings of International Symposium on Water Desalination available, CE:Dec 65:87
Report on International Water Quality Symposium in Washington, D.C., in Aug., CE: Nov 65:114

Study of water-desalting plant authorized by U.S. Dept. of the Interior, CE:Jun 65:93

Texas to have municipal water-desalting plant, CE:Feb 65:86

Transitory Irrigation Developments, Raymond A. Hill, CE:Mar 65:56

Desc: Charles Green, CE:Jun 65:72, author's reply, CE:Jun 65:72

DESIGN

Handbook on bridge design available from U.S. Steel, CE:Nov 65:116
U.S. Steel announces competition on highway bridge design, CE:Nov 65:115

DOCKS

Chile--Seabees Give Technical Assistance in Chile, Leroy D. Lawson, CE:Feb 65:47

DOMES

Illinois--Church at Niles features large clear-span dome, CE:Sep 65:88

Texas--Unusual Dome Awaits Baseball Season in Houston, Louis O. Bass, CE:Jan 65:63

Desc: R. S. DiSalvo, CE:Mar 65:64

DRAINAGE

American Society of Agricultural Engineers to hold conference in Chicago, Dec. 6-7, CE: Oct 65:96

Texas--Houston Airport, a Study in Engineer-Contractor Harmony, H. O. Fischer, CE: Sep 65:32

DREDGES

Army Engineers contract for first hopper dredge with side-casting boom, CE:Feb 65:84

DRILLING

Mohole drilling sites to be in the Pacific, CE: Mar 65:84

EARTH DAMS

Greece--A Concrete Cutoff Wall for earthfill Peneos Dam, Th. C. Gofas, CE:Jun 65:56

EARTHQUAKES

Alaska--Juneau building features earthquake-resistant construction, CE:Jan 65:100

Alaska--Vertical Forces in Earthquake of March 1964, Harvey P. Pittelko, CE:

Desc: Harold C. Smith, CE:Mar 65:62

AISI reports issued on findings of inspection teams for Skopje and Alaska earthquakes, CE: Feb 65:84

Chile--Earthquake causes extensive damage, CE:May 65:86

ECONOMIC EVALUATIONS

Graphical Method for Discounting Future Benefits in Feasibility Studies, George E. Ribble, CE:Nov 65:86

EDUCATION

ASCE Task Committee on Continuing Education holds first meeting in Chicago on June 19, CE: Aug 65:90

Continuing Education, William H. Wisely, CE: Feb 65:31

California--City of Hayward starts program to interest students in a civil engineering career, CE:May 65:89

The Civil Engineer and His Education, Wallace L. Chadwick, CE: Sep 65:31

Desc by James A. Brower, on non-availability of graduate courses, of "The Younger Viewpoint," CE:Mar 65:78

Engineering Education--from the Practitioner's Viewpoint, Joseph S. Ward, CE:Feb 65:58

Desc: M. D. Morris, CE:Apr 65:80; G. P. Tschebotarioff, Apr 65:80

Desc, James K. Finch, CE:Apr 64:64, on a dangerous trend in engineering education

Desc: J. W. Huber, CE:Jun 64:78; William H. Gotolski, Jun 64:78; T. H. Evans, Sep 64:68;

reply by J. K. Finch, Nov 64:71; Adolph J. Ackerman, Nov 64:71; Shu-T'ien Li, Feb 65:69

Improved Inspection on the West Coast, John Steinbrugge, CE:Oct 65:79

Ph. D. and P. E. in Civil Engineering Education, Ross E. McKinney, CE:Mar 65:48

Desc: Asit K. Biswas, CE:Jul 65:76

Preliminary report on goals of engineering education available from American Society for Engineering Education, CE:Nov 65:103

A Symposium, Continuing Education--Whose Responsibility?, Donald J. Benson, G. E. Rosenkoetter, Lynn W. Gelhar, Charles R. Heidengren, CE:May 65:56

Where is Engineering Education Today?--from the Educator's Viewpoint, Gene M. Nordby, CE:Feb 65:56

Desc: M. D. Morris, CE:Apr 65:80

World Congress on Engineering Education meets in Chicago, June 21-25, CE:Jun 65:79

See also (ASCE) Education

ELECTRONICS

Massachusetts--Contract let for NASA's Electronics Research Center in Cambridge, CE: Feb 65:83

EMPLOYMENT

Africa--Civil engineering opportunities available, CE:Sep 65:88

Corps of Engineers has openings in New York, Greenland, and Labrador, CE:Jun 65:93

Fringe Benefits in Civil Engineering Compensation, Clair A. Hill, CE:Jul 65:64

Jobs wanted in U.S. for foreign students, CE: May 65:46

United Nations has engineering positions available, CE:Oct 65:105

ENGINEERING MECHANICS

ASCE Engineering Mechanics Division Conference, Apr. 12-14, CE:Mar 65:44; Report, Jun 65:80

Mohole drilling sites to be in the Pacific, CE: Mar 65:84

Non-Newtonian Flows--Their Value in Civil Engineering, George Bugliarello, CE:Aug 65:68

ENGINEERING SOCIETIES

British Institution of Civil Engineers elects ASCE Member as 100th president, CE:Jan 65:94

ENGINEERS

ASCE members elected to Academy of Engineering, CE:May 65:45

ENGINEERS JOINT COUNCIL

Carl Frey elected secretary of EJC, CE: Feb 65:45

EJC publishes symposium on "Relationships between Engineering Societies and Industry," CE:Jun 65:81

EJC reports that engineering faculty salaries increase CE:Sep 65:44

Engineering Manpower Commission of EJC reports salaries, 1962-1964, CE:Feb 65:44

Engineering Manpower in Profile published by EJC and National Science Foundation, CE:Sep 65: 77

Handbook on selective service issued by EJC, CE:May 65:80

Presents honorary awards, CE:Mar 65:74

ENVIRONMENTAL ENGINEERING

American Sanitary Engineering Intersociety Board to broaden its activities, CE:Aug 65:89

ASCE Environmental Engineering Conference and Annual Meeting, Kansas City, Mo., Oct 18-22, Program CE:Aug 65:76; Sep 65:76; Report, Nov 65:56

See also Cole-Weather Construction

EPOXY RESINS

Massachusetts--Tunnel under Boston's Prudential Center painted cheaply with epoxy, CE: Sep 65:89

Photosensitive Plastics Extend the Range of Photoelastic Stress Studies, John P. Cook, CE: Nov 65:87

EROSION

Cellular Concrete Block Revetment, D. A. Parsons and R. P. Apmann, CE:Feb 65:66

EXCAVATION

Florida--The Cross-Florida Barge Canal under Construction, F. O. Biehn, CE:May 65:48

FAILURE

Washington--Legacy of Galloping Gertie (Tacoma Narrows Bridge), Robert Goller, CE: Oct 65:50

FALLOUT

New Trends in Fallout Protection, Seymour Wengrovitz and Gordon W. Hirtle, CE:Jul 65:47

FINANCING

Starting Your Own Consulting Practice--Business and Finance, Joseph S. Ward, CE:Jan 65:53

FIRE PROTECTION

Prestressed Lift Slabs Withstand Fire, G. E. Troxell, CE:Sep 65:64

FLOOD CONTROL

Are Flood-Plain Regulations Sound?, C. J. Posey, CE:Jun 65:68

East Pakistan--Master Plan for Water and Power Development, Ernest M. Bowles, CE: Aug 65:56

Corps of Engineers' projects authorized under Omnibus Rivers and Harbors and Flood Control Act of 1965, CE:Dec 65:88

Iowa--Transport trailer aids in Mississippi flood fight at Davenport, CE:Jun 65:92

FLUMES

Mounting Plate Glass in Sides of Flumes and Tanks, Elton F. Daly, CE:Jun 65:74

Simplified Flow Corrections for Parshall Flumes under Submerged Conditions, A. R. Robinson, CE:Sep 65:75

FLY ASH

Air Pollution from Incinerators--Causes and Cures, Leo P. Flood, CE:Dec 65:44

FOOTINGS

Designing Isolated Footings against Overturning, Donald G. Newnan, CE:Dec 65:70

FORECASTING

Graphical Method for Discounting Future Benefits in Feasibility Studies, George E. Ribble, CE:Nov 65:86

FOREIGN ENGINEERING

Africa--Civil engineering positions available, CE:Sep 65:88

The American Consulting Engineer Abroad, Edward J. Quirin, CE:Mar 65:45; Apr 65:54; May 65:60

Argentina--Huge hydroelectric project planned on Neuquen and Limay Rivers, CE:Jul 65:85

ASCE asks President's help in determining use of public agency or private services on foreign work, CE:Jan 65:40

Australia--Contract let for Blowering Dam in New South Wales, CE:Apr 65:96

Australia--U.S. Navy awards contract for communication station in Northwest Cape, CE:Jun 65:93

Brazil--Concrete arch bridge links Brazil and Paraguay, CE:May 65:89

Brazil--USBR releases report on Arguaia-Tocantins River basin, CE:Jun 65:90

Canada--Bridge-tunnel to connect New Brunswick and Prince Edward Island, CE:Sep 65:90

Canada--Construction begun on Arrow Dam in British Columbia, CE:Jul 65:86

Canada--Hydro Development of the Manicouagan and Outardes Rivers in Quebec, Benoit Baribeau, CE:Dec 65:53

Canada--Large radio telescope under construction in Montreal, CE:Jun 65:90

Canada--Slip-formed observation tower for Niagara Falls, CE:May 65:87

Canada--Toronto Office-Building Complex Breaks Records, John L. Kellermann, CE:May 65:62

Canada--Work begun on underground power plant for British Columbia, CE:Jul 65:88

Chile--Seabees Give Technical Assistance in Chile, Leroy D. Lawson, CE:Feb 65:47

Colombia--Flow Slides Prove Hazardous in Tenche Tunnel and Diversion Tunnel for Miraflores Dam, C. Y. Li, CE:Dec 64:51

Dsc: by author, CE:Jun 65:72

East Pakistan--Master Plan for Water and Power Development, Ernest M. Bowles, CE:Aug 65:56

Egypt--Salvaging Abu Simbel Temple gets under way, CE:Apr 65:96

England--London Bridge to be replaced, CE:Sep 65:87

Europe--Mont Blanc tunnel connects France and Italy, CE:Sep 65:90

Europe--Oil pipeline through Alps begun, CE:Aug 65:105

Europe--Work on Spanish-French tunnel under Pyrenees to begin, CE:Sep 65:88

France--Long suspension bridge to cross Garonne River at Bordeaux, CE:Oct 65:103

Greece--A Concrete Cutoff Wall for earthfill Peneos Dam Th. C. Gofas, CE:Jun 65:56

Italy--Study of bridge between Italy and Sicily, CE:May 65:86

Mexico--Balsas River Dam to be ready soon, CE:Apr 65:99

Military Engineering in Vietnam, Peter A. Corradi, CE:Nov 65:47

Move unit prices around the world (from U.S. Air Force), ASCE Construction Div. Committee Report, CE:Jun 65:75

The Netherlands--Rotterdam's Rapid Transit Tunnel, Ir. G. Plantema, CE:Aug 65:34

A New and Better Foreign Technical Assistance Program, John S. Hale, CE:Jul 65:62

Dsc, I. Khwaja, CE:Oct 65:80

Peace Corps needs volunteers for Tunisia, CE:Jun 65:92

Portugal--Roadway for Tagus River Bridge begun, CE:Jul 65:85

Scotland--Possible world tunneling record set in Mhoille aqueduct tunnel, CE:Jul 65:88

Spain--Water treatment plant to be built for Madrid, CE:Jun 65:95

Sweden--Building foundation built as a caisson for port storage in Stockholm, Hal W. Hunt, CE:Jan 65:60

Switzerland--Avalanche buries Mattmark Dam construction camp, CE:Nov 65:112

Venezuela--Suspension bridge to cross Orinoco River at Ciudad Bolivar, CE:Sep 65:88

Water Supply for Saigon, Walter T. McPhee, CE:Sep 65:59

Yugoslavia--Belgrade gets new TV tower, CE:Sep 65:87

FORMWORK (Construction)

Alabama--Low Cement Content for Mass Concrete in TVA's Guntersville Lock, J. C. McCraw, CE:Nov 65:70

Canada--Slip-formed observation tower for Niagara Falls, CE:May 65:87

Lateral Pressure of Concrete on Formwork, R. L. Peurifoy, CE:Dec 65:60

FOUNDATIONS

Apollo-a trip to the moon--symposium, (3) Vehicle Assembly Building--foundations, Philip C. Rutledge, Jan 65:50

Foundations on Fissured Limestone--How They Were Selected, Henry M. Reitz, CE:Sep 65:52

Sweden--Building foundation built as a caisson for port storage in Stockholm, Hal W. Hunt, CE:Jan 65:60

Waterproofing Below the Ground Line, Thaddeus R. L. Lazarr, CE:Jun 65:73

FRINGE BENEFITS

Fringe Benefits in Civil Engineering Compensation, Clair A. Hill, CE:Jul 65:64

GAGES

County Rain-Gage Network Useful in Design, Alfred R. Pagan and Ronald Rothenberg, CE:Apr 65:68

See also under specific headings, such as PRESSURE GAGES, etc.

GARAGES

New York--Automatic Garage Attendant Keeps Tabs on Traffic and Tolls, CE:Aug 65:54

GAS STORAGE

Storage Containers for Liquefied Natural Gas, P. J. Anderson and A. R. Khan, CE:Aug 65:65

GEOLOGY

USGS to explore earth's crust by explosions, CE:Jun 65:93

GLASS

Mounting Plate Glass in Sides of Flumes and Tanks, Elton F. Daly, CE:Jun 65:74

GLUING

The Prestressed Glued Joint for Steel Connections, George Kostro, CE:Apr 65:75

GROUTING

Foundations on Fissured Limestone--How They Were Selected, Henry M. Reitz, CE:Sep 65:52

North Carolina--Controlling Leakage from Cowans Ford Dam, Joe T. Moore, CE:Jun 65:52

HARBORS FACILITIES

California--Largest commercial pier under construction, CE:Dec 65:85

Massachusetts--Hurricane barrier to protect New Bedford, CE:Mar 65:82

Sweden--Building Foundation Built as a Caisson for Port Storage in Stockholm, Hal W. Hunt, CE:Jan 65:60

HIGHWAYS

AASHTO develops computer programs for entire field of civil engineering, CE:Jul 65:87

AASHTO elects Charles Shumate president, CE:Nov 65:113

American Road Builders' Association dedicates headquarters in Washington, D. C., CE:Aug 65:106

American Road Builders' Association holds 63rd Annual Convention, CE:Apr 65:94

ASCE replies to article in "Barron's" denigrating Interstate Highway Program, CE:Jan 65:86

Connecticut--Viaducts for Interstate 91 cross New Haven Railroad tracks, CE:Dec 65:87

Cost of Interstate Highway System rises, CE:Mar 65:87

Electric Controls for Laying Smooth Pavements, R. L. Peurifoy, CE:Sep 65:56

Highway construction costs rise, CE:Sep 65:89

Highway Research Board holds 44th annual meeting, CE:Mar 65:82

Highway Research Board makes grant for asphalt study, CE:Apr 65:95

Interstate = Benefits (Lives + Dollars), Frank Schneller, CE:May 65:33

Maryland--Three levels of structural steel span Baltimore Beltway for an interchange, CE:Jun 65:94

New York--Expressway to cross lower Manhattan is approved, CE:Jul 65:88

Pennsylvania--U.S. Routes 22 and 322 updated, CE:May 65:84

Preserving Survey Monuments Despite Highway Construction, Winfield H. Eldridge, CE:May 65:40

Dsc: Richard Mayer, CE:Sep 65:74

Urban Atmospheric Pollution, Albert F. Bush, CE:May 65:66

Dsc: Herbert E. Clark, Jr., CE:Jul 65:76; M. I. Goldman, Aug 65:74; Author's reply, CE:Aug 65:75

U.S. Bureau Roads reports on highway mileage, CE:Feb 65:82

HISTORY

The Amazing Pennsylvania Canals, W. H. Shank, CE:Jan 65:66

ASCE cooperation asked by Smithsonian, CE:May 65:47

Babylonia--Boundary stone or landmark described, CE:May 65:88

Dsc, W. E. Lindemann, CE:Dec 65:72, on prophetic qualities of John Jacob Astor book, "A Journey in Other Worlds"

Egypt--Salvaging Abu Simbel Temple gets under way, CE:Apr 65:96

The Hydrologic Cycle, A. K. Biswas, CE:Apr 65:70

Dsc: A. K. Biswas, CE:Sep 65:73

Sylvanus Thayer elected to Hall of Fame, CE:Dec 65:52

Water-wheel regulator donated to Smithsonian, CE:Jun 65:95

See also Department "Who Am I?" in each issue of CIVIL ENGINEERING beginning with March 1965.

HOSPITALS

California--Unusual shoring permits unobstructed excavation for San Francisco Children's Hospital, CE:Feb 65:31

Guam Typhoon Tears Out Hospital Windows, Harold V. Ehlers, CE:Jul 64:56

Dsc: Donald F. Roberts, CE:Nov 64:71; James W. Darling, Mar 65:63

HYDRAULICS

ASCE Hydraulics Division conference, Aug 25-27, CE:Jun 65:83; Program, Jul 65:73

Flow-Induced Vibrations--Experience of TVA with Hydraulic and Other Structures, James T. Price, CE:Apr 65:61

Graphical Solution of the Chezy-Manning Formula for Open-Channel Flow, Roland W. Jeppson, CE:Mar 65:61

Non-Newtonian Flows--Their Value in Civil Engineering, George Bugliarello, CE:Aug 65:68

A Simple Method for Determining Water-Surface Profiles, J. F. Harp, CE:Oct 65:85

U.S.-Japanese seminar on instrumentation for hydraulic research held, CE:Aug 65:106; CE:Oct 65:107

HYDROELECTRIC POWER GENERATION

Argentina--Huge hydroelectric project planned on Neuquen and Limay Rivers, CE:Jul 65:85

Arkansas--Turbines ordered for Ozark Dam project on Arkansas River, CE:Nov 65:116

Canada--Hydro Development of the Manicouagan and Outardes Rivers in Quebec, Benoit Baribeau, CE:Dec 65:53

Canada--Work begun on underground power plant for British Columbia, CE:Jul 65:88

Colorado--Reclamation Firsts: Underground Power Plant at Morrow Point Dam, B. P. Bellport, CE:Feb 65:40

India--Sharavati Hydroelectric Project dedicated, CE:Mar 65:86

New York--Con Ed wins approval for Storm King plant, CE:Apr 65:94

Pennsylvania--Pumped-storage plant being built at Lancaster for Muddy Run Project, CE:Jul 65:88

Washington--Tacoma lets contract for Cowlitz River power, CE:Mar 65:87

HYDROLOGY

ASCE to co-sponsor conference on urban hydrology research and storm drainage, CE:Mar 65:75

Cycles in Hydrologic Data, J. R. Crippen, CE:Jan 65:70

Dsc: Gordon R. Williams, CE:Mar 65:62

Geohydrology by Dr. Roger DeWiest dedicated to ASCE, CE:Aug 65:95

The Hydrologic Cycle, A. K. Biswas, CE:Apr 65:70

Dsc: A. K. Biswas, CE:Sep 65:73

UNESCO sponsors decade of hydrological study, CE:Apr 65:97

INCINERATION

Air Pollution from Incinerators--Causes and Cures, Leo P. Flood, CE:Dec 65:44

Arkansas--Sludge Burning at North Little Rock, Arnold J. Tyer, CE:Mar 65:54

INSPECTION

Florida--Liaison Insures Quality Control for Vehicle Assembly Building at Cape Kennedy, Charles I. Orr, CE:Oct 65:56
 How to Improve Quality Control of Construction, Hal W. Hunt, CE:Oct 65:54
 How to Inspect Construction, Benjamin P. Cohen, CE:Oct 65:62
 Improved Inspection on the West Coast, John Steinbrugge, CE:Oct 65:79
 Legal Aspects of Quality Control, Robert B. Jarvis, CE:Oct 65:71
 Quality Controls for Steel Construction, Milton Brumer, CE:Oct 65:76

INTERCHANGES

Maryland--Three levels of structural steel for interchange span Baltimore Beltway, CE:Jun 65:94

INSULATION

Alaska--Plastic Insulation vs. Deep Trenching for Seldovia Water Mains, Frank Nyman, CE:Mar 65:40

IRRIGATION

ASCE Irrigation and Drainage Division conference, "Development of Total Watershed," Oct. 6-9, Billings, Mont., CE:Jul 65:79; Program, Sep 65:72; Report, Dec 65:51

ASCE Irrigation and Drainage Division conference, El Paso, Tex., Dec. 2-4, 1964, CE:Jan 65:94; Feb 65:71; Apr 65:84

Arizona--Contract let for channel to solve salinity problem at Wellton-Mohawk District, CE:Jul 65:84

California--USBR establishes Fresno office for Westlands Water District irrigation-distribution system, CE:Jun 65:95

California--USBR lets contract for Tehama-Colusa canal CE:Aug 65:103

Transitory Irrigation Developments, Raymond A. Hill, CE:Mar 65:56

Dsc: Charles Green, CE:Jun 65:72, Author's reply, CE:Jun 65:72

U.S. and Mexico agree on salinity problem, CE:May 65:85

JOINTS

The Prestressed Glued Joint for Steel Connections, George Kostro, CE:Apr 65:75

LABORATORIES

Great Lakes--Corps of Engineers begins "oceanography" studies, CE:Nov 65:116

LIBRARIES

Engineering Societies Library reports wider and more convenient circulation of books, CE:Jan 65:91

LEGISLATION

Collective Bargaining for Municipal Engineers, Herman P. Zannoni, CE:Sep 65:50

Corps of Engineers' projects authorized under Omnibus Rivers and Harbors and Flood Control Act of 1965, CE:Dec 65:88

A Lawyer Looks at Stream Pollution, William Gross, CE:Apr 65:44

Dsc: B. F. Snow, CE:Aug 65:74

Legal Aspects of Quality Control, Robert B. Jarvis, CE:Oct 65:71

Preserving Survey Monuments Despite Highway Construction, Winfield H. Eldridge, CE:May 65:40

Sanitary Engineering Committee on Solid Wastes supports action by House Subcommittee on Public Health and Welfare, CE:Aug 65:95

LIFT-SLAB CONSTRUCTION

Prestressed Lift Slabs Withstand Fire, G.E. Troxell, CE:Sep 65:64

Utah--Lift Slabs (in Salt Lake City) Cast under Plastic Cover for Raising in Spring, Robert Sawyer, CE:Jul 65:42

LIGHTHOUSES

Steel Offshore Towers as Navigation Aids, J. V. Ruffin, CE:Nov 65:72
 Virginia--Construction of Chesapeake Light Station, John W. Fowler, CE:Nov 65:76

LIQUIFIED GASES

Storage Containers for Liquefied Natural Gas, P. J. Anderson and A. R. Khan, CE:Aug 65:65

LOADS (Forces)

Snow Loads for Roofs, Albert E. Anderson, CE:Jul 65:78

LOCKS (Barriers)

Alabama--Low Cement Content for Mass Concrete in TVA's Guntersville Lock, J. C. McCraw, CE:Nov 65:70

Arkansas--Contract let for Arkansas River Lock and Dam 6, CE:Feb 65:86

Belleville Locks on the Ohio River, R. B. Howard, CE:Nov 65:51

Ohio--Contract let for Ohio River locks, CE:Jun 65:91

Pennsylvania--Maxwell Locks and Dam completed, CE:Dec 65:88

MAINTENANCE

Barge Decks Resurfaced with Asphalt, William P. Helbock, CE:Nov 65:54

New Jersey--A Revolution in Sewer Maintenance at Woodbridge, Charles W. Beagle, CE:Mar 65:34

New York--Linseed-Oil Protection for New York State Thruway Bridges, Robert J. Walsh, CE:Jul 65:39

North Carolina--Controlling Leakage from Cowans Ford Dam, Joe T. Moore, CE:Jun 65:52

Structural Maintenance--the Third Element in the Structural Engineer's Professional Package, T. C. Kavanagh and S. M. Johnson, CE:May 65:52

MANAGEMENT

Can the Civil Engineer be a Manager?, H. L. Payne, CE:Jul 64:51

Dsc: R. B. Sheaffer, CE: Sep 64:69; H. L. Thackwell, Oct 64:66; Douglas L. Jonas, Jan 65:84

MARINAS

Marinas and Yacht Clubs--Planning and Financing, Stephen M. Olko, CE:Jun 65:58

MASONRY

Charts Simplify Reinforced-Masonry Design, J. N. Littlefield, CE:Aug 65:73

National Brick and Tile Bearing Wall Conference advocates bearing walls, CE:Jul 65:84

MATERIALS

An Applied Science of Materials for Civil Engineers, Edward M. Krokosky, CE:Jul 65:54

Dsc: Archie Mathews, CE:Oct 65:81; Consuelo M. Hauser, CE:Oct 65:81

MATERIALS TESTING

ASTM to publish *Journal of Materials*, starting April 1966, CE:Nov 65:116

Photosensitive Plastics Extend the Range of Photoelastic Stress Studies, John P. Cook, CE:Nov 65:87

MATHEMATICS

Computation of Offsets from Curves, John J. Durkin, CE:Sep 64:67

Dsc: Carl P. Meyer, CE:Nov 64:72; T. F. Hickerson, Nov 64:72; T. F. Hickerson, Feb 65:69

Moment Coefficients for Fixed-End Beams to Be Used in the Three-Moment Equation, Thomas D. Y. Fok and Thomas F. Mosure, CE:Aug 64:78

Dsc: F. P. Wiesinger, CE:Nov 64:73; Charles O. Heller, Jan 65:84

MEASURING INSTRUMENTS

U.S.--Japanese seminar on instrumentation for hydraulic research held, CE:Aug 65:106; Oct 65:107

MECHANICS

Papers needed for Third Southeastern Conference on Theoretical and Applied Mechanics, CE:Sep 65:90

METRIC SYSTEM

Adoption of metric system in U.S. opposed by ASME, CE:Jan 65:98

Britain--Shift to metric system to take 10 years, CE:Jul 65:86

The Metric System Now, Frits H. Fenger, CE:Dec 65:49

MILITARY ENGINEERING

Military Engineering in Vietnam, Peter A. Corradi, CE:Nov 65:47

MILITARY ORGANIZATIONS

Handbook, "Selective Service and Military Policies on Classification, Deferment and Delay," issued by EJC, CE:May 65:80

MISSILES

Idaho--Contract awarded for Boise missile launching facilities, CE:Apr 65:99

MOMENTS

Design Charts for Symmetrically Haunched Members, Rayford B. Smith, CE:Aug 65:72

Moment Coefficients for Fixed-End Beams to Be Used in the Three-Moment Equation, Thomas D. Y. Fok and Thomas F. Mosure, CE:Aug 64:78

Dsc: F. P. Wiesinger, CE:Nov 64:73;

Charles O. Heller, Jan; 65:84; Author's reply: CE:Apr 65:79

MONORAILS

Japan--Monorail connects Tokyo with its airport, CE:Mar 65:87

MONUMENTS

Missouri--St. Louis Steel Arch, Symbol of the Spirit of the Pioneers, J. E. N. Jensen, CE:Oct 65:64

Missouri--St. Louis Gateway Arch completed, CE:Dec 65:84

MOON

Engineering Challenges of Lunar Exploration, Daniel L. Lycan, CE:Dec 65:40

MUNICIPAL ENGINEERING

Collective Bargaining for Municipal Engineers, Herman P. Zannoni, CE:Sep 65:50

Municipal Engineering Is a Profession, Douglas Talbot, CE:Apr 65:57

MUSEUMS

ASCE cooperation asked by Smithsonian, CE:May 65:47

Smithsonian--Water wheel regulator donated, CE:Jun 65:95

NOMOGRAPHS

Charts Simplify Reinforced-Masonry Design, J. N. Littlefield, CE:Aug 65:73

Design Charts for Symmetrically Haunched Members, Rayford B. Smith, CE:Aug 65:72

Designing Isolated Footings against Overturning, Donald G. Newnan, CE:Dec 65:70

Design of Concrete Beams and Slabs, Anselm Cefola, CE:Oct 65:83

Graphical Solution of the Chezy-Manning Formula for Open-Channel Flow, Roland W. Jeppson, CE:Mar 65:61

NUCLEAR ENERGY

AEC selects contractor for 200-BEV proton accelerator, CE:Jul 65:87

Atomic power recommended for California Water Project, CE:Jan 65:100

Has Nuclear Power Become Competitive?, R. N. Bergstrom, CE:Feb 65:32

Nuclear Craters for Water Resources Development and Management, David K. Todd, CE:Jun 65:64

Nuclear reactor for 200-mgd desalting plant developed for AEC, CE:Oct 65:103

OCEANS

Maryland--Ocean research lab to be built on Chesapeake Bay near Annapolis, CE:Apr 65:97

Mohole drilling sites to be in the Pacific, CE:Mar 65:84

OFFICE BUILDINGS

Canada--Toronto Office-Building Complex Breaks Records, John L. Kellermann, CE:May 65:62

Colorado--Contract let for USBR Building in Denver, CE:Feb 65:82

Combination Water Systems for High-Rise Buildings, G. D. Testin, CE:Apr 65:65

Illinois--Chicago to have 800-ft high tapering skyscraper, CE:Feb 65:82

Massachusetts--Boston dedicates Prudential Center, CE:Jun 65:91

Missouri--Arc Welding Speeds Construction of Springfield Office Building, Rudolph F. Fischl and Georg Klatte, CE:Feb 65:60

New York--Two New York City buildings joined by welding, CE:Feb 65:65

Pennsylvania--Pittsburgh to build 80-story office building, CE:Jul 65:87

Seattle IBM Building wins American Iron and Steel Institute award, CE:Mar 65:84

OFFSHORE CONSTRUCTION

Steel Offshore Towers as Navigation Aids, J.V. Ruffin, CE:Nov 65:72
Virginia--Construction of Chesapeake Light Station, John W. Fowler, CE:Nov 65:76

ORGANIZATIONS

AASHTO elects Charles Shumate president, CE:Nov 65:113
American Society for Engineering Education moves from Urbana, Ill., to Washington, D.C., CE:Oct 65:107
EUSEC holds ninth Plenary Assembly in Stockholm, Aug 28-Sep 1, CE:Nov 65:104
National Academy of Engineering moved from New York to Washington, CE:Oct 65:106
Report of 38th Annual Convention of WPCF, Atlantic City, N.J., Oct. 10-14, CE:Dec 65:84

ORTHOTROPIC BRIDGES

Illinois--Orthotropic bridge to span the Mississippi at East St. Louis, CE:Dec 64:89
Corr: M.P. Walsh, CE:Mar 65:64

PARKS

Hawaii--Unique water system for Sea Life Park, CE:Mar 65:85

PATENTS

Guide to patent law for engineers published, CE:May 65:85

PAVEMENTS

Barge Decks Resurfaced with Asphalt, William P. Helbock, CE:Nov 65:54
Electric Controls for Laying Smooth Pavements, R.L. Peurifoy, CE:Sep 65:56
Texas--Houston Airport, Study in Engineer-Contractor Harmony, H.O. Fischer, CE:Sep 65:32

PHOTOELASTICITY

Photosensitive Plastics Extend the Range of Photoelastic Stress Studies, John P. Cook, CE:Nov 65:87

PHOTOGRAMMETRY

Laser aids aerial mapping work, CE:May 65:88

PIERS

California--Largest commercial pier under construction, CE:Dec 65:85

PILES AND PILEDIVING

New York--World's largest pile driver helps build Riker's Island Bridge in New York City, CE:Apr 65:98

PIPELINES

California--Cooling water pipeline placed for San Onofre Nuclear Generating Station, CE:Nov 65:115
California--Planning and Anchoring 12 Miles of Big Pipe for Santa Clara County, M.K. Harris, CE:Jun 65:61
California--Steel Pipe for South Bay Aqueduct, Alfred R. Golze, CE:Mar 65:36
Europe--Oil pipeline through Alps begun, CE:Aug 65:104
Georgia--River Bypass Boosts Efficiency of Power Plant on Chattahoochee River, CE:Nov 65:88
New Jersey--A Revolution in Sewer Maintenance at Woodbridge, Charles W. Beagle, CE:Mar 65:34
New weld pipe mill produces long line pipe, CE:Jan 65:98
Pipeline Industry Development Conference, Houston, Texas, Nov. 3-5, Report, CE:Dec 65:51
Understanding and Controlling Corrosion, Harry Neugold, Jr., CE:Mar 65:57
Dsc: R.E. Bald, CE:May 65:74
Understanding the Corrosion Resistance of Concrete Pipe, John A. Shaw, CE:Jun 65:39
Water Supply for Saigon, Walter T. McPhee, CE:Sep 65:59

PIPES

Colorado--70-ft Underpass of Corrugated Steel Pipe for Broadmoor Hotel, Colorado Springs, Nick Pinello, CE:Nov 65:84

PLASTICS

Alaska--Plastic Insulation vs. Deep Trenching for Seldovia Water Main, Frank Nyman, CE:Mar 65:40
ASCE Committee on Plastics to report at Environmental Engineering Conference, Aug 65:88
Dsc by Kenneth Balk, asking for information on structural plastics, CE:Jun 65:72
Utah--Lift Slabs (in Salt Lake City) Cast under Plastic Cover for Raising in Spring, Robert Sawyer, CE:Jul 65:42

POWER

ASCE Power Division's first specialty conference Denver, Colo., Aug 18-20, CE:Feb 65:46; Mar 65:74; Program CE:Jun 65:76; Jul 65:79
ASCE to take part in American Power Conference, Apr. 27-29, CE:Feb 65:45
California--California Water Project, Power Plans and Demands, Alfred R. Golze, CE:Feb 65:35
East Pakistan--Master Plan for Water and Power Development, Ernest M. Bowles, CE:Aug 65:56
England--One of Europe's largest power stations built in Yorkshire, CE:May 65:85
Federal Power Commission guidelines for nation's electric utilities, CE:Feb 65:80
Virginia--Towers for a 500-kv Transmission Line, S.D. Alpert and J.D. Shaw, CE:Feb 65:52

POWER PLANTS

California--So. Calif. Edison plans huge power plant on the Colorado, CE:Mar 65:85
Has Nuclear Power Become Competitive?, R.N. Bergstrom, CE:Feb 65:32

PRECAST CONCRETE

Two Large Shells of Post-Tensioned Precast Concrete--Oklahoma Arena and Arizona Coliseum, T.Y. Lin and Ben W. Young, CE:Jul 65:56

PRESSURE GAGES

Lateral Pressure of Concrete on Formwork, R.L. Peurifoy, CE:Dec 65:60

PRESTRESSED CONCRETE

Expanding a Prestressed Concrete Plant, George Laszlo, CE:Apr 65:42
Two Large Shells of Post-Tensioned Precast Concrete--Oklahoma Arena and Arizona Coliseum, T.Y. Lin and Ben W. Young, CE:Jul 65:56
Post-tensioned Viaduct Piers, Edward P. Keiner, Jr., CE:Jan 65:72
Prestressed Concrete Institute names 10 projects in 1965 Awards Program, CE:Aug 65:104

PRESTRESSING

The Prestressed Glued Joint for Steel Connections, George Kostro, CE:Apr 65:75

PROFESSIONAL ADVANCEMENT

An Awareness of Reality, Bruce G. Johnston, CE:Jan 65:58
Can the Civil Engineer be a Manager?, H.L. Payne, CE:Jul 64:51
Dsc: R.B. Sheaffer, CE:Sep 64:69; H.L. Thackwell, Oct 64:66; Douglas L. Jonas, Jan 65:84
A Civil Engineer--and Proud of It, Wallace L. Chadwick, CE:Jan 65:37
Continuing Education, William H. Wisely, CE:Feb 65:31
A Design for the Future, Wallace L. Chadwick, CE:Jun 65:36
You and Your Local Section, W.L. Chadwick, CE:Apr 65:37

PROFILES

Electric Controls for Laying Smooth Pavements, R.L. Peurifoy, CE:Sep 65:56

PROTECTIVE COATINGS

New York--Linseed-Oil Protection for New York State Thruway Bridges, Robert J. Walsh, CE:Jul 65:39
Understanding and Controlling Corrosion, Harry Neugold, Jr., CE:Mar 65:57
Dsc: R.E. Bald, CE:May 65:74

PUBLICATIONS

ASTM to publish Journal of Materials, starting April 1966, CE:Nov 65:116

Books for leisure reading reviewed, CE:

Sep 65:87
Handbook on bridge design available from U.S. Steel, CE:Nov 65:116
Preliminary report on goals of engineering education available from American Society for Engineering Education, CE:Nov 65:103
Proceedings of 3rd Conference on Fundamental Research in Plain Concrete in Sept. 1964 are available, CE:Oct 65:99
Proceedings of International Symposium on Flexural Mechanics of Reinforced Concrete available, CE:Nov 65:101
Proceedings of International Symposium on Water Desalination available, CE:Dec 65:87
Transactions of 14th Sectional Meeting of World Power Conference in Sept. 1964 available, CE:Oct 65:98
Two books on bridges reviewed, CE:Dec 65:88

PUBLIC RELATIONS

Film on construction and importance of general contractor released, CE:Nov 65:116

QUALITY CONTROL

Dsc, Allen G. Poppino, CE:Nov 65:99, on ASCE leadership in quality control
Florida--Liaison Insures Quality Control for Vehicle Assembly Building at Cape Kennedy, Charles I. Orr, CE:Oct 65:56
Dsc, A.J. Julicher, CE:Dec 65:72, of Oct Quality Control issue

RADIO

Australia--U.S. Navy awards contract for communication station at North West Cape, CE:Jun 65:93

RAILROADS

The Amazing Pennsylvania Canals (and Portage Railroad), W.H. Shank, CE:Jan 65:66
Australia--U.S. firm to design railway, CE:Mar 65:83
Connecticut--Viaducts for Interstate 91 cross New Haven Railroad tracks, CE:Dec 65:87
President urges high-speed rail line between Boston and Washington, CE:Apr 65:96
Super-speed trains proposed by Budd Co. for Boston-Washington route, CE:Aug 65:102

RAINFALL

County Rain-Gage Network Useful in Design, Alfred R. Pagan and Ronald Rothenberg, CE:Apr 65:68
Cycles in Hydrologic Data, J.R. Crippen, CE:Jan 65:70
Dsc: Gordon R. Williams, CE:Mar 65:62

RAPID TRANSIT

Airports and Transit Systems--the Engineer's Challenge, J.K. Carr, CE:Apr 65:38
Dsc: Herbert C. Westfall, CE:Jun 65:72
California--Rapid-Transit Test Track for San Francisco, Leslie A. Irvin, CE:Aug 65:48
California--Under-water tube under construction for BARTD, CE:Oct 65:103
Dsc, Arthur J. Wolf, CE:Dec 65:72, on the expanding field of rapid transit engineering
Jackson, Miss. in 2039 A.D., CE:Apr 65:59
Dsc: George C. Stewart, CE:Jul 65:75
The Netherlands--Rotterdam's Rapid Transit Tunnel, Ir G. Plantema, CE:Aug 65:34
Rapid transit concept takes form at U.S. Steel, CE:Oct 65:104
Super-speed trains proposed by Budd Co. for Boston-Washington route, CE:Aug 65:102
Underground tube urged for high-speed Northeast travel, CE:Sep 65:86

RECREATIONAL FACILITIES

Utah--A National Forest at Vernal Goes Modern, D.G. Dalley, CE:Sep 65:67
See also Marinas

REGISTRATION

Corporate practice provisions of model law revised by National Council of State Boards of Engineering Examiners, CE:Oct 65:98
The Dilemma of the Professional Engineers' Licensing Program, Arthur W. Weber, CE:May 65:37
Dsc: Thornton Smith, CE:Sep 65:74
See also (ASCE) Registration of Engineers

REINFORCED CONCRETE

Concrete Reinforcing Steel Institute holds annual convention, June 16-18, CE:Sep 65:86

Concrete Reinforcing Steel Institute issues Design Handbook, Vol. II, CE:Jul 65:85
 Proceedings of International Symposium on Flexural Mechanics of Reinforced Concrete available, CE:Nov 65:101

REINFORCEMENT

Computer System Designed for Teaching and Structural Research at MIT, William Little and Kenneth Reinschmidt, CE:Aug 65:71
 Northeastern states to coordinate water resources research, CE:Nov 65:116

RESEARCH

Computer System Designed for Teaching and Structural Research at MIT, William Little and Kenneth Reinschmidt, CE:Aug 65:71
 Northeastern states to coordinate water resources research, CE:Nov 65:116

RESERVOIRS

Egypt--Salvaging Abu Simbel Temple gets under way, CE:Apr 65:96

RETAINING WALLS

Minimum Base Lengths for Cantilever Retaining Walls, Semih Tezcan, CE:Oct 65:84

REVTMENTS

Cellular Concrete Block Revetment, D. A. Parsons and R. P. Apmann, CE:Feb 65:66
 Stabilizing the Lower Mississippi River, Ellsworth I. Davis and Ernest B. Lipscomb, CE:Nov 65:64

RIVERS

Brazil--USBR releases report on Arguaia-Tocantins River basin, CE:Jun 65:90
 New York--Hudson River cleanup program started, CE:Jan 65:101
 Mississippi--Dec, CE:May 65:74, of Do You Know That item on Mississippi River water levels, CE:Mar 65:29
 Stabilizing the Lower Mississippi River, Ellsworth I. Davis and Ernest B. Lipscomb, CE:Nov 65:64

ROOFS

Snow Loads for Roofs, Albert E. Anderson, CE:Jul 65:76
 Utah--A National Forest at Vernal Goes Modern, D. G. Dalley, CE:Sep 65:67
 See also Domes
 See also Shells (Structural Forms)

SALARIES

Engineering Manpower Commission of EJC reports salaries, 1962-1964, CE:Feb 65:44
 EJC reports that engineering faculty salaries increase CE:Sep 65:44
 Fringe Benefits in Civil Engineering Compensation, Clair A. Hill, CE:July 65:64

SANITARY ENGINEERING

Air Pollution from Incinerators--Causes and Cures, Leo P. Flood, CE:Dec 65:44
 Alaska--Utilities for a Relocated Town in Valdez, James W. Poirot, CE:Mar 65:50
 American Sanitary Engineering Intersociety Board elects officers, CE:Feb 65:45
 Arkansas--Sludge Burning at North Little Rock, Arnold J. Tyer, CE:Mar 65:54
 ASCE Manual No. 37, Practice of Design and Construction of Sanitary and Storm Sewers, reviewed by joint committee, CE:Jan 65:39
 ASCE Sanitary Division sponsors symposium on Research, Development and Design, CE:Apr 65:83
 California--Los Angeles ASCE Local Section reports on the detergent problem, CE:May 65:46
 Colorado--Denver's Metro Waste Treatment Plant, William L. Bredar, CE:Dec 65:64
 Conference of State Sanitary Engineers releases report on municipal waste treatment needs, CE:Sep 65:89
 Missouri--Pollution Abatement Program for Kansas City, Glen J. Hopkins, CE:Sep 65:39
 Sanitary Engineering Committee on Solid Wastes supports action by House Subcommittee on Public Health and Welfare, CE:Aug 65:95
 Washington--Seattle's Record-Breaking Sewage-Treatment System, Fred E. Lange, CE:Mar 65:31
 Water Renovation--Some Advanced Treatment Processes, David G. Stephan, CE:Sep 65:46

SCHOLARSHIPS

Freeman Fellowship awarded to associate professor at Colorado State University, CE:Sep 65:45

SCHOOLS

New York--City College of New York major campus expansion, CE:Mar 65:87
 New York--Contract awarded for West Point expansion, CE:Dec 65:88
 New York--Large contract let for Albany campus of N.Y. State University, CE:Apr 65:99
 Prestressed Lift Slabs Withstand Fire, G. E. Troxell, CE:Sep 65:64

SEEPAGE

North Carolina--Controlling Leakage from Cowans Ford Dam, Joe T. Moore, CE:Jun 65:52

SETTLEMENT (Structural)

Foundations on Fissured Limestone--How They Were Selected, Henry M. Reitz, CE:Sep 65:52

SEWAGE TREATMENT

Arkansas--Sludge Burning at North Little Rock, Arnold J. Tyer, CE:Mar 65:54
 Better Activated Sludge by the Kessener-Brush Aeration Process, H. R. Carter, CE:Dec 65:67
 Colorado--Denver's Metro Waste Treatment Plant, William L. Bredar, CE:Dec 65:64
 Detergent field tests reported on at Industrial Waste Conference, CE:Jun 65:94
 Missouri--Pollution Abatement Program for Kansas City, Glen J. Hopkins, CE:Sep 65:39
 Washington--Seattle's Record-Breaking Sewage-Treatment System, Fred E. Lange, CE:Mar 65:31

SEWERAGE

Missouri--Pollution Abatement Program for Kansas City, Glen J. Hopkins, CE:Sep 65:39

SEWERS

Massachusetts--New sewer line for the Boston area, CE:Mar 65:86
 New Jersey--A Revolution in Sewer Maintenance at Woodbridge, Charles W. Beagle, CE:Mar 65:34
 Report of U. S. Public Health Service on separation of storm and sanitary sewers, CE:Feb 65:83

SHELLS (Structural Forms)

Combined Aerodynamic and Structural Design of Light-weight Flight Structures, Robert W. Fralich, CE:Aug 65:60
 Two Large Shells of Post-Tensioned Precast Concrete--Oklahoma Arena and Arizona Coliseum, T. Y. Lin and Ben W. Young, CE:Jul 65:56

SHORE PROTECTION

Proceedings of Ninth Conference on Coastal Engineering available, CE:Feb 65:72

SHORING

California--Unusual shoring permits unobstructed excavation for San Francisco Children's Hospital, CE:Feb 65:81

SNOW

Snow Loads for Roofs, Albert E. Anderson, CE:Jul 65:76

SOIL MECHANICS

Dsc on differentiating between soil tests in lab and field, Manuel Mateos, CE:Mar 65:64
 Second Teraghi Lecture by Dr. Casagrande available, Aug 65:90
 Sixth Conference of International Society for Soil Mechanics and Foundation Engineering, Montreal, Quebec, Sep 8-15, CE:Jan 65:94; Report, Dec 65:75; Proceedings available, Dec 65:78
 Soils course in advance of Sixth International Conference on Soil Mechanics, CE:Mar 65:44
 Texas--Houston Airport, Study in Engineer-Contractor Harmony, H. O. Fischer, CE:Sep 65:32

SPACE EXPLORATION

Apollo-a Trip to the Moon--symposium, (1) Vertical Assembly Building--Project Description, Organization and Procedures, William D. Alexander, CE:Jan 65:42; (2) Design of the Vertical Assembly Building, Anton Tedesko, Jan 65:45; (3) VAB--Design of Foundations, Philip C. Rutledge, Jan 65:50
 Dsc: E. M. T. Ryder, CE:Apr 65:80
 Engineering Challenges of Lunar Exploration, Daniel L. Lycan, CE:Dec 65:40
 Mississippi--Saturn rocket test facility to be built for NASA, CE:Apr 65:98

SPECIFICATIONS

AISC publishes booklet on joist specifications, CE:Sep 65:90
 Legal Aspects of Quality Control, Robert B. Jarvis, CE:Oct 65:71

STADIUMS

Texas--Unusual Dome Awaits Baseball Season in Houston, Louis O. Bass, CE:Jan 65:63
 Dsc: R. S. DiSalvo, CE:Mar 65:64

STEEL

AISC awards, CE:Mar 65:84
 AISC awards 16 bridges opened in 1964, CE:Dec 65:86
 AISC Conference on "What Is New in Steel," reported, CE:Jun 65:90
 AISC names 1965 Architectural Awards of Excellence, CE:Aug 65:103
 AISC publishes booklet on joist specifications, CE:Sep 65:90
 AISC to hold 17th annual National Engineering Conference, CE:Mar 65:87
 Canada--Toronto Office-Building Complex Breaks Records, John L. Kellermann, CE:May 65:62
 Cold-Formed Steel Members for Economy and Easy Assembly, Paul Buker, CE:May 65:64
 Colorado--70-ft. Underpasses of Corrugated Steel Pipe for Broadmoor Hotel, Colorado Springs, Nick Pinello, CE:Nov 65:84
 Delaware--Steel erection begun on Delaware Memorial Bridge, CE:Dec 65:88
 Expanding a Prestressed Concrete Plant, George Laszlo, CE:Apr 65:42
 Florida--Liaison Insures Quality Control for Vehicle Assembly Building at Cape Kennedy, Charles I. Orr, CE:Oct 65:56
 Imports of steel set new high in 1964, CE:Jan 65:100
 Indiana--Bethlehem Steel Co. adds sheet and plate capacity at Burns Harbor plant, CE:Nov 65:114
 International conference studies high-rise steel buildings, CE:Oct 65:107
 Japanese steel company gets Ex-Im Bank loan, CE:Mar 65:86
 Missouri--St. Louis Steel Arch, Symbol of the Spirit of the Pioneers, J. E. N. Jensen, CE:Oct 65:64
 Missouri--St. Louis Gateway Arch completed, CE:Dec 65:84
 The Prestressed Glued Joint for Steel Connections, George Kostro, CE:Apr 65:75
 Quality Controls for Steel Construction, Milton Bruner, CE:Oct 65:76
 South Carolina--Second Cooper River Bridge at Charleston nears completion, CE:Nov 65:113
 Steel Fabrication Drawings by Computer, Alfred H. Palmer and Herbert T. Blomquist, CE:Feb 65:50
 Dsc: Henry G. Hurd, CE:May 65:74; Author's reply, May 65:74
 Steel shipments set all-time record in April 1965, CE:Jul 65:88
 Three records in steel production set, CE:Aug 65:105
 U.S. Steel announces competition on highway bridge design, CE:Nov 65:115

STORMS

Massachusetts--Hurricane barrier to protect New Bedford, CE:Mar 65:82

STRUCTURAL ENGINEERING

Alaska--Vertical Forces in Earthquake of March 1964, Harvey P. Pittelko, CE:Jan 65:56
 Dsc: Harold C. Smith, CE:Mar 65:52
 ASCE Structural Division conference on wood, Chicago, Ill., Jun 9-11, CE:Apr 65:84; Program, May 65:71; Report, Jul 65:44

ASCE Structural Engineering Conference, Miami Beach, Fla., Jan 31-Feb 4, 1966; Mexico City meeting to follow, CE:Mar 65:73; Program, Nov 65:89; Dec 65:50; Dec 65:74

Cold-Formed Steel Members for Economy and Easy Assembly, Paul Buker, CE:May 65:64
Combined Aerodynamic and Structural Design of Light-weight Flight Structures, Robert W. Fralich, CE:Aug 65:60

Computer System Designed for Teaching and Structural Research at MIT, William Little and Kenneth Reinschmidt, CE:Aug 65:71

Design Charts for Symmetrically Haunched Members, Rayford B. Smith, CE:Aug 65:72
Details that Cause Failure in Timber Truss Design, Paul Gordon, CE:Oct 65:74

Florida--Criteria for Construction in Creating Another Cape Kennedy Colossus, George H. Kirkland, CE:Oct 65:59

International conference studies high-rise steel buildings, CE:Oct 65:107

Missouri--Arc Welding Speeds Construction of Springfield Office Building, Rudolph F. Fischl and Georg Klatte, CE:Feb 65:60

Moment Coefficients for Fixed-End Beams to Be Used in the Three-Moment Equation, Thomas D. Y. Fok and Thomas F. Mosure, CE:Aug 64:78
Dec: P.P. Wiesinger, CE:Nov 64:73; Charles O. Heller, CE:Nov 64:84; Authors' reply, CE: Apr 65:79

Post-tensioned Viaduct Piers, Edward P. Keiner, Jr., CE:Jan 65:72
Steel Fabrication Drawings by Computer, Alfred H. Palmer and Herbert T. Blomquist, CE:Feb 65:50

Dec, Henry G. Hurd, CE:May 65:74, reply by author, May 65:74
Structural Maintenance--The Third Element in the Structural Engineer's Professional Package, T.C. Kavanagh and S.M. Johnson, CE: May 65:52

Texas--Unusual Dome Awaits Baseball Season in Houston, Louis O. Bass, CE:Jan 65:63
Thermal Stresses due to Unequal Thermal Coefficients of Concrete and Reinforcing Steel, T.A. Holm, CE:Feb 65:63

Washington--Legacy of Galloping Gertie (Tacoma Narrows Bridge), Robert Goller, CE: Oct 65:50

SUBSURFACE STRUCTURES
Avoiding Utility Interference Underground, Hertel Missimer, CE:Sep 65:36

California civil engineers and land surveyors defend their professional rights, CE:Mar 65:75
Computation of Offsets from Curves, John J. Durkin, CE:Sep 64:67

Dec: Carl F. Meyer, CE:Nov 64:72; T.F. Hickerson, Nov 64:74; T.F. Hickerson, Feb 65:69

SURVEYING
American Society of Photogrammetry and American Congress on Surveying and Mapping hold 1965 convention March 28 to April 3, CE: May 65:89

Dec by Jack Dawson on four-legged tripod on CIVIL ENGINEERING cover, CE:May 65
Electronics in Surveying, Edmond T. Miller, CE:May 65:29

Preserving Survey Monuments Despite Highway Construction, Winfield H. Eldridge, CE:May 65: 40

Dec: Richard Mayer, CE:Sep 65:74
Stadia--an Automatic Data Input Assembler for Topographic Surveys, Paul D. Spindel, CE: May 65:51

SUSPENSION BRIDGES
California--Second deck proposed for Golden Gate Bridge, CE:Nov 65:112

France--Long suspension bridge to cross Garonne River at Bordeaux, CE:Oct 65:103
Italy--Study of bridge between Italy and Sicily, CE:May 65:86

Venezuela--Suspension bridge to cross Orinoco River at Ciudad Bolivar, CE:Sep 65:88
Washington--Legacy of Galloping Gertie (Tacoma Narrows Bridge), Robert Goller, CE: Oct 65:50

TANKS
Mounting Plate Glass in Sides of Flumes and Tanks, Elton F. Daly, CE:Jun 65:74

Storage Containers for Liquefied Natural Gas, P.J. Anderson and A.R. Khan, CE:Aug 65:65

TELESCOPES

California--Huge radio telescope to be built at Caltech, CE:Apr 65:96
Canada--Large radio telescope under construction in Montreal, CE:Jun 65:90

TELEVISION

ASCE television program, "Metropolitan Planning and Design," scheduled, CE:Apr 65:84; May 65:80

New Jersey--A Revolution in Sewer Maintenance at Woodbridge, Charles W. Beagle, CE: Mar 65:34

New York--TV expedites traffic in Lincoln Tunnel, CE:Oct 65:105
Yugoslavia--Belgrade gets new TV tower, CE: Sep 65:87

TESTING

California--Rapid-Transit Test Track for San Francisco, Leslie A. Irvin, CE:Aug 65:48
Lateral Pressure of Concrete on Formwork, R.L. Peurifoy, CE:Dec 65:60

THERMOELECTRIC POWER GENERATION

Georgia--River Bypass Boosts Efficiency of Power Plant on Chattahoochee River, CE:Nov 65:88

TIMBER CONSTRUCTION

Utah--A National Forest at Vernal Goes Modern, D.G. Dalley, CE:Sep 65:67

TIMBER (Structural)

ASCE Structural Division conference on wood held in Chicago, June 9-11, CE:Apr 65:84; Program, May 65:71

Details that Cause Failure in Timber Truss Design, Paul Gordon, CE:Oct 65:74

TOPOGRAPHY

Stadia--an Automatic Data Input Assembler for Topographic Surveys, Paul D. Spindel, CE: May 65:51

TOWERS

Canada--Slip-formed observation tower for Niagara Falls, CE:May 65:87
Florida--Criteria for Construction in Creating Another Cape Kennedy Colossus, George H. Kirkland, CE:Oct 65:59

Steel Offshore Towers as Navigation Aids, J.V. Ruffin, CE:Nov 65:72
Virginia--Construction of Chesapeake Light Station, John W. Fowler, CE:Nov 65:76

Virginia--Towers for a 500-kv Transmission Line, S.D. Alpert and J.D. Shaw, CE:Feb 65:52
Yugoslavia--Belgrade gets new TV tower, CE: Sep 65:87

TRAFFIC

New York--TV expedites traffic in Lincoln Tunnel, CE:Oct 65:105

TRANSMISSION LINES

Canada--Hydro Development of the Manicouagan and Outardes Rivers in Quebec, Benoit Baribeau, CE:Dec 65:53

Virginia--Towers for a 500-kv Transmission Line, S.D. Alpert and J.D. Shaw, CE:Feb 65:52

TRANSPORTATION

Airports and Transit Systems--the Engineer's Challenge, J.K. Carr, CE:Apr 65:38
Dec: Herbert C. Westfall, CE:Jun 65:72

ASCE Transportation Engineering Conference, Minneapolis, Minn., May 17-21, CE:Mar 65:42; Program, Mar 65:65; Report, Jun 65:44

Dec: L.A. Moorhouse, CE:Sep 65:73
ASCE Transportation Engineering Coordinating Committee recommends Technical Council on Urban Transportation, CE:Aug 65:95

Interstate - Benefits (Lives + Dollars), Frank Schneller, CE:May 65:33

TRUSSES

Details that Cause Failure in Timber Truss Design, Paul Gordon, CE:Oct 65:74

TUBES

California--Under-water tube under construction for BARTD, CE:Oct 65:103
Underground tube urged for high-speed Northeast travel CE:Sep 65:86

TUNNELING (Excavation)

Colorado--Reclamation Firsts: Underground Power Plant at Morrow Point Dam, B.P. Bellport, CE:Feb 65:40

California--Joint-venture group has low bid for Carley V. Porter Tunnel, CE:Sep 65:89
Colombia--Flow Slides Prove Hazardous in Tenche Tunnel and Diversion Tunnel for Miraflores Dam, C.Y. Li, CE:Dec 64:51

Dec: by author, CE:Jun 65:72
Europe--Mont Blanc tunnel connects France and Italy, CE:Sep 65:90

Europe--Work on Spanish-French tunnel under Pyrenees to begin, CE:Sep 65:88
Scotland--Possible world tunneling record set in Mhoille aqueduct tunnel, CE:Jul 65:88

TUNNELS (Transportation)
The Amazing Pennsylvania Canals, W.H. Shank, CE:Jan 65:66

Canada--Bridge-tunnel to connect New Brunswick and Prince Edward Island, CE:Sep 65:90
Colorado--Exploratory tunnel driven through Continental Divide, CE:May 65:86

Massachusetts--Tunnel under Boston's Prudential Center painted cheaply with epoxy, CE: Sep 65:89

The Netherlands--Rotterdam's Rapid Transit Tunnel, Ir G. Plantema, CE:Aug 65:34
New York--Lincoln Tunnel receives new pavement, CE:Jun 65:93

Virginia--Chesapeake Bay Bridge-Tunnel project given ASCE's OCEA Award, CE:May 65:44

TURBINES
Arkansas--Turbines ordered for Ozark Dam project on Arkansas River, CE:Nov 65:116

UNDERGROUND STORAGE

Storage Containers For Liquefied Natural Gas, P.J. Anderson and A.R. Khan, CE:Aug 65:65

UNDERPASSES

Colorado--70-ft Underpass of Corrugated Steel Pipe for Broadmoor Hotel, Colorado Springs, Nick Pinello, CE:Nov 65:84

UNIONS

Collective Bargaining for Municipal Engineers, Herman P. Zanolli, CE:Sep 65:50
To Bargain or Not to Bargain, E. Lawrence Chandler, CE:Aug 65:41

UNITED ENGINEERING TRUSTEES

Officers elected for coming year, CE:Feb 65:72

URBAN DEVELOPMENT

Canada--Toronto Office-Building Complex Breaks Records, John L. Kellermann, CE:May 65:62

Illinois--First National Bank Building to be built in Chicago Loop, CE:Oct 65:105
Maryland--Baltimore wins honors for urban renewal, CE:Feb 65:83

Massachusetts--Boston dedicates Prudential Center, CE:Jun 65:91

URBAN PLANNING

Airports and Transit Systems--the Engineer's Challenge, J.K. Carr, CE:Apr 65:38
Dec: Herbert C. Westfall, CE:Jun 65:72

ASCE Committee on Land Use plans ASCE publication on urban planning, CE:Jul 65:80
ASCE Urban Planning and Development Division conference, San Juan, Puerto Rico, Oct. 28-29, Program, CE:Sep 65:70

Avoiding Utility Interference Underground, Hertel Missimer, CE:Sep 65:36
Jackson, Miss. in 2039 A.D., CE:Apr 65:59

Dec: George C. Stewart, CE:Jul 65:75
Planning a National Airport System to Serve the 70's, Cole Morrow, CE:Aug 65:62

Urban Atmospheric Pollution, Albert F. Bush, CE:May 65:66
Dec: Herbert E. Clark, Jr., CE:Jul 65:76; M.I. Goldman, Aug 65:74; Author's reply, Aug 65:75

Rapid transit concept takes form at U.S. Steel, CE:Oct 65:104

U. S. BUREAU OF RECLAMATION

California--USBR establishes Fresno office for Westlands Water District irrigation-distribution system, CE:Jun 65:95

Montana--Yellowtail Dam to be completed in spring of 1966, CE:Nov 65:112

U. S. GOVERNMENT

A New and Better Foreign Technical Assistance Program, John S. Hale, CE:Jul 65:62
Dsc: I. Khwaja, CE:Oct 65:80

U. S. NAVY

Chile--Seabees Give Technical Assistance in Chile, Leroy D. Lawson, CE:Feb 65:47
Cuba--Seawater conversion plant for Guantanamo Naval Base, CE:Apr 65:99
Military Engineering in Vietnam, Peter A. Corradi, CE:Nov 65:47
New Chief of Bureau of Yards and Docks appointed, CE:Oct 65:105

UTILITIES

Alaska--Utilities for a Relocated Town in Valdez, James W. Poirrot, CE:Mar 65:50
Avoiding Utility Interference Underground, Hertel Missimer, CE:Sep 65:36
Canada--Winnipeg Favors Utility Construction in Winter, W.S. Brock, CE:Jul 65:66
Electric utilities plan large construction program in Middle Atlantic states, CE:Apr 65:98

VIBRATION

Alabama--Low Cement Content for Mass Concrete in TVA's Guntersville Lock, J.C. McCraw, CE:Nov 65:70
Flow-Induced Vibrations--Experience of TVA with Hydraulic and Other Structures, James T. Price, CE:Apr 65:61

VOCATIONAL GUIDANCE

Review of book, "A Definitive Study of Your Future in Civil Engineering," by Alfred R. Golze, CE:Jan 65:39

WALLS

National Brick and Tile Bearing Wall Conference advocates bearing walls, CE:Jul 65:84

WAREHOUSES

Composite Design Cuts Cost of Small Warehouse, Edward B. Finkel, CE:Aug 65:46
Sweden--Building Foundation Built as a Caisson for Port Storage in Stockholm, Hal W. Hunt, CE:Jan 65:60

WASTE DISPOSAL

Conference of State Sanitary Engineers releases report on municipal waste treatment needs, CE:Sep 65:89

WATER FLOW

Great Lakes--Corps of Engineers begins "oceanography" studies, CE:Nov 65:116
New York--Study of Hudson River river-flow and salt-content begun, CE:Nov 65:115
A Simple Method for Determining Water-Surface Profiles J.F. Harp, CE:Oct 65:85

WATER POLLUTION

California--Los Angeles ASCE Local Section reports on the detergent problem, CE:May 65:46
Detergent field tests reported on at Industrial Waste Conference, CE:Jun 65:94

A lawyer Looks at Stream Pollution, William Gross, CE:Apr 65:44

Dsc: B.F. Snow, CE:Aug 65:74
Missouri--Pollution Abatement Program for Kansas City, Glen J. Hopkins, CE:Sep 65:39
National Assoc. of Manufacturers issues study on water pollution in industry, CE:Mar 65:85
New York--Governor Rockefeller asks pollution control fund, CE:Feb 65:81
New York--Hudson River cleanup program started, CE:Jan 65:101
Report of 38th Annual Convention of WPCF, Atlantic City, N.J., Oct. 10-14, CE:Dec 65:84
Washington--Seattle's Record-Breaking Sewage-Treatment System, Fred E. Lange, CE:Mar 65:31

WATERPROOFING

Waterproofing below the Ground Line, Thaddeus R.L. Lazarr, CE:Jun 65:73

WATER QUALITY

Arizona--Contract let for channel to solve salinity problem at Wellton-Mohawk District, CE:Jul 65:84
Folklore in Water Quality Standards, P.H. McGahey, CE:Jun 65:70
New York--Study of Hudson River river-flow and salt-content begun, CE:Nov 65:115
U.S. and Mexico agree on salinity problem, CE:May 65:85

WATER RESOURCES

ASCE Water Resources Engineering Conference, Mobile, Ala., March 8-12, 1965, CE:Dec 64:54; program, CE:Jan 65:74; Apr 65:46; May 65:82
Dsc: Reed J. Petersen, CE:Jul 65:76
Brazil--USBR releases report on Arguaia-Tocantins River basin, CE:J 65:90
California--Joint-venture group has low bid for Carley V. Porter Tunnel, CE:Sep 65:89
Corps of Engineers' projects authorized under Omnibus Rivers and Harbors and Flood Control Act of 1965, CE:Dec 65:88
New quarterly, "Water Resources Research," to begin publication in 1965, CE:Jan 65:100
Northeastern states to coordinate water resources research, CE:Nov 65:116
Nuclear Craters for Water Resources Development and Management, David K. Todd, CE:Jun 65:64

WATER SUPPLY

Atomic power recommended for California Water Project, CE:Jan 65:100
California--California Water Project, Power Plans and Demands, Alfred R. Golze, CE:Feb 65:35
California--Planning and Anchoring 12 Miles of Big Pipe for Santa Clara County, M.K. Harris, CE:Jun 65:61
California--Steel Pipe for South Bay Aqueduct, Alfred R. Golze, CE:Mar 65:36
Combination Water Systems for High-Rise Buildings, G.D. Testin, CE:Apr 65:65

East Pakistan--Master Plan for Water and Power Development, Ernest M. Bowles, CE:Aug 65:56

Hawaii--Unique water system for Sea Life Park, CE:Mar 65:85
Nuclear reactor for 200-Mgd desalting plant developed for AEC, CE:Oct 65:103
Oregon--American Water Works Association holds annual conference June 27-July 2, CE:Aug 65:102
Report on International Water Quality Symposium in Washington, D.C., in Aug., CE:Nov 65:114
Water Renovation--Some Advanced Treatment Processes, David G. Stephan, CE:Sep 65:46
Water Supply for Saigon, Walter T. McPhee, CE:Sep 65:59

WATER TREATMENT

Folklore in Water Quality Standards, P.H. McGahey, CE:Jun 65:70
Pennsylvania--Philadelphia completes Belmont Plant, third in long-range program, CE:Dec 65:87
Spain--Water treatment plant to be built for Madrid, CE:Jun 65:95
USPHS and District of Columbia to study waste water purification, CE:Aug 65:105
Water Renovation--Some Advanced Treatment Processes, David G. Stephan, CE:Sep 65:46
Water Supply for Saigon, Walter T. McPhee, CE:Sep 65:59

WATER TUNNELS

U.S. Bureau of Reclamation tunnels under the continental divide for water conduit, CE:Mar 65:83

WATER WORKS

AWWA holds annual conference June 27-July 2, CE:Aug 65:102
AWWA nominates new officers, CE:Mar 65:83

WELDING

Missouri--Arc Welding Speeds Construction of Springfield Office Building, Rudolph F. Fischl and Georg Klatte, CE:Feb 65:60
New weld pipe mill produces long line pipe, CE:Jan 65:88
New York--Two New York City buildings joined by welding, CE:Feb 65:65
Welding Codes Updated, addenda issued to AWS Building Code and Bridge Specification, CE:May 65:69

WIND (Air Movement)

Guam Typhoon Tears Out Hospital Windows, Harold V. Ehlers, CE:Jul 64:56
Dsc: Donald F. Roberts, CE:Nov 64:71; James W. Darling, Mar 65:63

WINDOWS

Guam Typhoon Tears Out Hospital Windows, Harold V. Ehlers, CE:Jul 64:56
Dsc: Donald F. Roberts, CE:Nov 64:71; James W. Darling, Mar 65:63

ZONING

Are Flood-Plain Regulations Sound?, C.J. Posey, CE:Jun 65:68

Name Index**ABDUN-NUR, E. A.**

Dsc, CE:Mar 65:64, of "Quality Control of Concrete," CE:Nov 64:59

ALEXANDER, WILLIAM D.

Apollo-a Trip to the Moon--Symposium, (1) Vehicle Assembly Building--Project Description, Organization and Procedures, CE:Jan 65:42
Dsc: E.M.T. Ryder, CE:Apr 65:80

ALBERT, S. D.

Virginia--Towers for a 500-kv Transmission Line, with J.D. Shaw, CE:Feb 65:52

AMMANN, O. H.

Wins National Science Medal, CE:Jan 65:41
Honorary Member dies, CE:Nov 65:101

ANDERSON, ALBERT E.

Snow Loads for Roofs, CE:Jul 65:76

ANDERSON, P. J.

Storage Containers for Liquefied Natural Gas, with A.R. Khan, CE:Aug 65:65

APMANN, R. P.

See D.A. Parsons, CE:Feb 65:66

BALD, R. E.

Dsc, CE:May 65:74, of "Understanding and Controlling Corrosion," CE:Mar 65:57

BALK, KENNETH

Dsc, request for information on structural plastics, CE:Jun 65:72

BARIBEAU, BENOIT

Canada--Hydro Development of the Manicouagan and Outardes Rivers in Quebec, CE:Dec 65:53

BASS, LOUIS O.

Texas--Unusual Dome Awaits Baseball Season in Houston, CE:Jan 65:63
Dsc: R.S. DiSalvo, CE:Mar 65:64

BEAGLE, CHARLES W.

New Jersey--A Revolution in Sewer Maintenance at Woodbridge, CE:Mar 65:34

BELLPORT, B. P.

Colorado--Reclamation Firsts: Underground Power Plant at Morrow Point Dam, CE:Feb 65:40

- BENSON, DONALD J.**
Symposium, Continuing Education--Whose Responsibility?--Introduction, CE:May 65:56
- BERGHINZ, CARLO**
Dsc, CE:Mar 65:63, of "Valont Reservoir Disaster," CE:Mar 64:32
- BERGSTROM, R. N.**
Has Nuclear Power Become Competitive?, CE:Feb 65:32
- BERNHARD, R. K.**
Dsc, CE:Mar 65:64, of "The Case for the Galvanized Bridge," CE:Nov 64:31
- BIEHN, F. O.**
Florida--The Cross-Florida Barge Canal under Construction, CE:May 65:48
- BISWAS, ASIT K.**
Dsc, CE:Jul 65:76, on "Ph.D. and P.E. in Civil Engineering Education," CE:Mar 65:48
The Hydrologic Cycle, CE:Apr 65:70
Dsc: by author, CE:Sep 65:73
- BLOMQUIST, HERBERT T.**
See Alfred H. Palmer, CE:Feb 65:50
- BOWLES, ERNEST M.**
East Pakistan--Master Plan for Water and Power Development, CE:Aug 65:56
- BRAVERMAN, M. M.**
New York City's Air Pollution Index, with C. Theophil, CE:Apr 65:64
- BREDAR, WILLIAM L.**
Colorado--Denver's Metro Waste Treatment Plant, CE:Dec 65:64
- BROCK, W. S.**
Canada--Winnipeg Favors Utility Construction in Winter, CE:Jul 65:66
- BROWER, JAMES A.**
Dsc, CE:Jun 65:72, of "The Younger Viewpoint," CE:Mar 65:78
- BROWN, F. STEWART**
Dsc, CE:Aug 65:75, of Report of ASCE Water Resources Conference in Mobile, Ala., CE:Apr 65:46
- BRUMER, MILTON**
Quality Control for Steel Construction, with Frank Stahl, CE:Oct 65:76
- BUGLIARELLO, GEORGE**
Non-Newtonian Flows--Their Value in Civil Engineering, CE:Aug 65:68
- BUHR, VICTOR W.**
Dsc, CE:Nov 65:98, of "Interprofessional Relations," CE:Aug 65:33
- BUKER, PAUL**
Cold-Formed Steel Members for Economy and Easy Assembly, CE:May 65:64
- BUSH, ALBERT F.**
Urban Atmospheric Pollution, CE:May 65:66
Dsc: M.I. Goldman, CE:Aug 65:74; Author's reply, CE:Aug 65:75
- CAMP, FRED A.**
Dsc, CE:Aug 65:75, of "Membership Promotion in ASCE," CE:Jun 65:35
- CARR, JAMES K.**
Airports and Transit Systems--the Engineer's Challenge, CE:Apr 65:38
Dsc: Herbert C. Westfall, CE:Jun 65:72
- CARTER, H. R.**
Better Activated Sludge by the Kessener-Brush Aeration Process, CE:Dec 65:67
- CASSIDY, WILLIAM**
ASCE Fellow made Chief of Engineers, CE:Jun 65:94
- CEFOLA, ANSELM**
Design of Concrete Beams and Slabs, CE:Oct 65:83
- CHADWICK, WALLACE L.**
Are We Geared to Long-Range Objectives?, CE:Jan 65:38
The Civil Engineer and His Education, CE:Sep 65:31
A Civil Engineer--and Proud of It, CE:Jan 65:37
Civil Engineering Responsibilities and Engineering Education, CE:Jul 65:35
Contracting Conditions and Construction Quality, CE:Aug 65:53
Dsc: M. Harry Wartur, CE:Nov 65:99
A Design for the Future, CE:Jun 65:36
You and Your Local Section, CE:Apr 65:37
- CHANDLER, E. LAWRENCE**
To Bargain or Not to Bargain, CE:Aug 65:41
- CLARK, HERBERT E. JR.**
Dsc, CE:Jul 65:76, on photo caption in "Urban Atmospheric Pollution," CE:May 65:67
- COHEN, BENJAMIN P.**
How to Inspect Construction, CE:Oct 65:62
- CONWELL, WILLIAM A.**
What ASCE Is Doing, with Policy Statement on Continuing Education, CE:May 65:32
- COOK, JOHN P.**
Photosensitive Plastics Extend the Range of Photoelastic Stress Studies, CE:Nov 65:87
- CORRADI, PETER A.**
Military Engineering in Vietnam, CE:Nov 65:47
- CRIPPEN, J. R.**
Cycles in Hydrologic Data, CE:Jan 65:70
Dsc: Gordon R. Williams, CE:Mar 65:62
- DALLEY, D. G.**
Utah--A National Forest at Vernal Goes Modern, CE:Sep 65:67
- DALY, ELTON F.**
Mounting Plate Glass in Sides of Flumes and Tanks, CE:Jun 65:74
- DARLING, JAMES W.**
Dsc, CE:Mar 65:63, on "Guam Typhoon Tears Out Hospital Windows," CE:Mar 65:63
- DAVIS, ELLSWORTH I.**
Stabilizing the Lower Mississippi River, with Ernest B. Lipscomb, CE:Nov 65:64
- DAWSON, JACK**
Dsc, CE:Jul 65:76, on 4-legged tripod on May cover, CE:May 65
- DURKIN, JOHN J.**
Computation of Offsets from Curves, CE:Sep 64:67
Dsc: Carl F. Meyer, CE:Nov 64:72; T.F. Hickerson, Nov 64:72; T.F. Hickerson, Feb 65:69
- DERTEANO, FELIPE U.**
Dsc, CE:Apr 65:80 of "The Civil Engineer in Urban Planning," CE:Dec 64:37
- DI SALVO, R. S.**
Dsc, CE:Mar 65:64, of "Unusual Dome Awaits Baseball Season in Houston," CE:Jan 65:63
- ELDRIDGE, WINFIELD H.**
Preserving Survey Monuments Despite Highway Construction, CE:May 65:40
Dsc: Richard Mayer, CE:Sep 65:74
- ENGLE, WARD W.**
See Floyd P. Lacy, CE:Jul 65:50
- ERICKSON, OLE P.**
Dsc, CE:Mar 65:62, of "Ghana's Akosombo Dam," CE:Dec 64:65
- ETKES, PERRY W.**
Dsc, CE:Oct 65:81, of the decimal equivalents for 1/7, 2/7, etc
- FELD, JACOB**
Dsc, CE:Feb 65:67, of "Deflection of Tall Guyed Towers," CE:Nov 64:68
- FENGER, FRITS H.**
The Metric System Now, CE:Dec 65:49
- FINCH, JAMES K.**
Dsc of a dangerous trend in engineering education, CE:Apr 64:64
Dsc: J.W. Hubler, CE:Jun 64:78; William H. Gotolski, Jun 64:78; T.H. Evans, Sep 64:68; reply by James K. Finch, Nov 64:71; Adolph J. Ackerman, Nov 64:71; Shu-T'ien Li, Feb 65:69
- FINKEL, EDWARD B.**
Composite Design Cuts Cost of Small Warehouse, CE:Aug 65:46
- FISCHER, H. O.**
Texas--Houston Airport, Study in Engineer-Contractor Harmony, with Frank Newnam, CE:Sep 65:32
- FISCHL, RUDOLPH F.**
Missouri--Arc Welding Speeds Construction of Springfield Office Building, with Georg Klatte, CE:Feb 65:60
- FITZSIMONS, NEAL**
Conducts department, "Who Am I?" in each issue of CIVIL ENGINEERING, CE:Mar 65:43
- FLOOD, LEO P.**
Air Pollution from Incinerators--Causes and Cures, CE:Dec 65:44
- FOK, THOMAS D. Y.**
Moment Coefficients for Fixed-End Beams to Be Used in the Three-Moment Equation, with Thomas F. Mosure, CE:Aug 64:78
Dsc: F.P. Wiesinger, CE:Nov 64:73; Charles O. Heller, Jan 65:84; Author's reply: CE:Apr 65:79
- FOWLER, JOHN W.**
Virginia--Construction of Chesapeake Light Station, CE:Nov 65:76
- FRALICH, ROBERT W.**
Combined Aerodynamic and Structural Design of Lightweight Flight Structures, CE:Aug 65:60
- FRIEDKIN, J. F.**
Dsc, CE:May 65:72, favoring the ASCE specialty conference
- GAKENHEIMER, RALPH A.**
Dsc, CE:Apr 65:80, of "The Civil Engineer in Urban Planning," CE:Dec 64:37
- GELHAR, LYNN W.**
Symposium, Continuing Education--Whose Responsibility?--the Role of the University, CE:May 65:57
- GOFAS, TH. C.**
Greece--A Concrete Cutoff Wall for Earthfill Peneos Dam, CE:Jun 65:56
- GOLDMAN, MORTON I.**
Dsc, CE:Aug 65:74, of "Urban Atmospheric Pollution," CE:May 65:66
- GOLLER, ROBERT R.**
Washington--The Legacy of Galloping Gertie (Tacoma Narrows Bridge), CE:Oct 65:50
- GOLZE, ALFRED R.**
California--California Water Project, Power Plans and Demands, CE:Feb 65:35
California--Steel pipe for South Bay Aqueduct, CE:Mar 65:36
- GORDON, PAUL**
Details that Cause Failure in Timber Truss Design, CE:Oct 65:74
- GRECCO, WILLIAM L.**
Dsc, CE:Mar 65:64, of "The Civil Engineer in Urban Planning," CE:Dec 64:37

GREEN, CHARLES

Dsc, CE:Jun 65:72, of "Transitory Irrigation Developments," CE:Mar 65:56

GRIMM, SERGEI N.

Dsc, CE:Nov 65:99, of "Interprofessional Relations," CE:Aug 65:33

GROSS, WILLIAM M.

A Lawyer Looks at Stream Pollution, CE: Apr 65:44
Dsc: B. F. Snow, CE:Aug 65:74

HALE, JOHN S.

A New and Better Foreign Technical Assistance Program, CE:Jul 65:63
Dsc: I. Khwaja, CE:Oct 65:80

HALMOS, E. E. JR.

Conducts department Byline Washington in each issue of CIVIL ENGINEERING

HARP, J. F.

A Simple Method for Determining Water-Surface Profiles with E. M. Laursen, CE:Oct 65:85

HARRIS, M. K.

California--Planning and Anchoring 12 Miles of Big Pipe for Santa Clara County, CE: Jun 65:61

HAUSER, CONSUELO M. (MRS.)

Dsc, CE:Oct 65:81, of "An Applied Science of Materials for Civil Engineers," CE:Jul 65:54

HEIDENGREN, CHARLES R.

Symposium, Continuing Education--Whose Responsibility?--the Role of National Conferences, CE:May 65:58

HEDLEY, WILLIAM J.

1966 President elected, CE:Oct 65:86

HELBOCK, WILLIAM P.

Barge Decks Resurfaced with Asphalt, CE: Nov 65:54

HERSEY, A. T.

Do's and Don'ts of Cold-Weather Concreting, CE:Jul 65:36

HICKERSON, T. F.

Dsc, CE:Feb 65:69 on "Computing offsets from Curves," CE:Sep 64:67

HILL, CLAIR A.

Fringe Benefits in Civil Engineering Compensation, CE:Jul 65:64

HILL, RAYMOND A.

Transitory Irrigation Developments, CE: Mar 65:56
Dsc: Charles Green, CE:Jun 65:72, Author's reply, CE:Jun 65:72

HIRTLE, GORDON

See Seymour Wengrovitz, CE:Jul 65:47

HOLM, T. A.

Thermal Stresses Due to Unequal Thermal Coefficients of Concrete and Reinforcing Steel, CE:Feb 65:63

HOOVER, HERBERT

Commemorative U. S. postage stamp issued, CE:Aug 65:44

HOPKINS, GLEN J.

Missouri--Pollution Abatement Program for Kansas City, with Omar C. Hopkins and Jim S. Noel, CE:Sep 65:39

HOPKINS, OMAR C.

See Glen J. Hopkins, CE:Sep 65:39

HOWARD, R. B.

Belleville Locks on Ohio River, CE:Nov 65:51

HOWE, RICHARD S.

Dsc, CE:Jul 65:75, on The Younger Viewpoint, "Time to Re-Tool Registration Requirements," CE:Mar 65:78

HUNT, HAL W.

How to Improve Quality Control of Construction, CE:Oct 65:54
Sweden--Building Foundation Built as a Caisson for Port Storage in Stockholm, CE:Jan 65: 60

HUNTINGTON, WHITNEY C.

Noted civil engineering teacher and administrator dies, CE:Jun 65:83

HURD, HENRY G.

Dsc, CE:May 65:74, of "Fabrication Drawings by Computer," CE:Feb 65:50

IMHOFF, KARL

Honorary Member dies, CE:Nov 65:104

IRVIN, LESLIE A.

California--Rapid-Transit Test Track for San Francisco, CE:Aug 65:48

JARVIS, ROBERT B.

Legal Aspects of Quality Control, CE:Oct 65:71

JENSEN, J. E. N.

Missouri--St. Louis Steel Arch, Symbol of the Spirit of the Pioneers, CE:Oct 65:64

JEPPSON, ROLAND W.

Graphical Solution of the Chezy-Manning Formula for Open-Channel Flow, CE:Mar 65:61

JOHNSON, S. M.

See T. C. Kavanagh, CE:May 65:52

JOHNSTON, BRUCE G.

An Awareness of Reality, CE:Jan 65:58

JULICHER, A. J.

Dsc, CE:Dec 65:72, of Quality Control issue, Oct 65

KAVANAGH, T. C.

Structural Maintenance--the Third Element in the Structural Engineer's Professional Package, with S. M. Johnson, CE:May 65:52

KEINER, EDWARD P. JR.

Post-tensioned Viaduct Piers, CE:Jan 65:72

KELLERMANN, JOHN L.

Toronto Office--Building Complex Breaks Records, CE:May 65:62

KEREKES, FRANK

Honorary Member dies, CE:Dec 65:50

KHAN, A. R.

See P. J. Anderson, CE:Aug 65:65

KHWAJA, I.

Dsc, CE:Oct 65:80, of "A New and Better Foreign Assistance Program," CE:Jul 65:63

KIRKLAND, GEORGE H.

Florida--Criteria for Construction in Creating Another Cape Kennedy Colossus, CE:Oct 65: 59

KLATTE, GEORG

See Rudolph F. Fischl, CE:Feb 65:60

KOHER, WILHELM

Austrian engineer dies, CE:May 65:86

KOSTRO, GEORGE M.

The Prestressed Glued Joint for Steel Connections, CE:Apr 65:75

KROKOSKY, EDWARD M.

An Applied Science of Materials for Civil Engineers, CE:Jul 65:54

LACY, FLOYD P. JR.

Tenn.--Nickajack Dam, a Replacement for Hales Bar, with Ward W. Engle, CE:Jul 65:50

LANGE, FRED E.

Washington--Seattle's Record-Breaking Sewage-Treatment System, CE:Mar 65:31

LASZLO, GEORGE

Expanding a Prestressed Concrete Plant, CE: Apr 65:42

LAURSEN, E. M.

See J. F. Harp, CE:Oct 65:85

LAWSON, LEROY D.

Chile--Seabees Give Technical Assistance in Chile, CE:Feb 65:47

LAZARR, THADDEUS R. L.

Waterproofing below the Ground Line, CE: Jun 65:73

LI, SHU-T'EN

Dsc, CE:Feb 65:69 on "A Reasonably Balanced Undergraduate Program," CE:Nov 64:71

LIN, T. Y.

Two Large Shells of Post-Tensioned Precast Concrete--Oklahoma Arena and Arizona Coliseum--with Ben W. Young, CE:Jul 65:56

LINDEMANN, W. E.

Dsc, CE:Dec 65:72 on prophetic qualities of John Jacob Astor book, "A Journey in Other Worlds"

LIPETZ, MORTON B.

Dsc, CE:Feb 65:68, of "A Cooperative Computer Center," CE:Sep 64:56

LIPSCOMB, ERNEST B.

See Ellsworth I. Davis, CE:Nov 65:64

LITTLE, WILLIAM A.

Computer System Designed for Teaching and Structural Research at MIT, with Kenneth F. Reinschmidt, CE:Aug 65:71

LITTLEFIELD, J. N.

Charts Simplify Reinforced-Masonry Design, CE:Aug 65:73

LOGAN, JOHN A.

Dsc, CE:Nov 65:99, of "Interprofessional Relations," CE:Aug 65:33

LYCAN, DANIEL L.

Engineering Challenges of Lunar Exploration, CE:Dec 65:40

MATEOS, MANUEL

Dsc, CE:Mar 65:64, on differentiating between soil tests in lab and field.

MATHEWS, ARCHIE

Dsc, CE:Oct 65:81, of "An Applied Science of Materials for Civil Engineers," CE:Jul 65:54

MAYER, RICHARD R.

Dsc, CE:Sep 65:74, of "Preserving Survey Monuments," CE:May 65:40

MEANOR, JAMES B.

Dsc, CE:May 65:74, of Do You Know That item on Mississippi River water levels, CE:Mar 65: 29

MILLER, EDMOND T.

Electronics in Surveying, CE:May 65:29

MISSIMER, HERTEL C.

Avoiding Utility Interference Underground, CE:Sep 65:36

MOORE, JOE T.

North Carolina--Controlling Leakage from Cowans Ford Dam, CE:Jun 65:52

MORRIS, M. D.

Dsc, CE:Apr 65:80, of "Engineering Education: (1) From the Educator's Viewpoint; (2) From the Practitioner's Viewpoint," CE:Feb 65:56

MORROW, COLE

Planning a National Airport System to Serve the 70's CE:Aug 65:62

MCCRAW, J. C.

Alabama--Low Cement Content for Mass Concrete in TVA's Guntersville Lock, CE:Nov 65:70

MCGAUHEY, P. H.

Folklore in Water Quality Standards, CE:Jun 65:70

MCKINNEY, ROSS E.

Ph.D. and P.E. in Civil Engineering Education, CE:Mar 65:48

MCPHEE, WALTER T.

Water Supply for Saigon, CE:Sep 65:59

- NEUGOLD, HARRY, Jr.**
Understanding and Controlling Corrosion,
CE:Mar 65:57
Dsc: R.E. Bald, CE:May 65:74
- NEWNAM, FRANK H.**
See H.O. Fischer, CE:Sep 65:32
- NEWMAN, DONALD G.**
Designing Isolated Footings against Over-
turning, CE:Dec 65:70
- NOEL, JIM S.**
See Glen J. Hopkins, CE:Sep 65:39
- NORDBY, GENE M.**
Where Is Engineering Education Today? --from
the Educator's Viewpoint, CE:Feb 65:56
- NYMAN, FRANK**
Alaska--Plastic Insulation vs. Deep Trenching
for Seldovia Water Mains, CE:Mar 65:40
- OLKO, STEPHEN M.**
Marinas and Yacht Clubs--Planning and
Financing, CE:Jun 65:58
- ORR, CHARLES I.**
Florida--Liaison Insures Quality Control for
Vehicle Assembly Building at Cape Kennedy,
CE:Oct 65:56
- PAGAN, ALFRED R.**
County Rain-Gage Network Useful in Design,
with Ronald Rothenberg, CE:Apr 65:68
- PALMER, ALFRED H.**
Steel Fabrication Drawings by Computer, with
Herbert T. Blomquist, CE:Feb 65:50
Dsc: Henry G. Hurd, CE:May 65:74; Author's
reply, May 65:74
- PARCEL, JOHN I.**
Honorary Member dies, CE:Jul 65:78
- PARSONS, D. A.**
Cellular Concrete Block Revetment, with
R.P. Apmann, CE:Feb 65:66
- PAYNE, H. L.**
Can the Civil Engineer be a Manager?,
CE:Jul 64:51
Dsc: R.B. Sheaffer, CE:Sep 64:69; H.L.
Thackwell, Oct 64:66; Douglas L. Jonas,
Jan: 65:84
- PETERSEN, REED J.**
Dsc, CE:Jul 65:76, on report of ASCE Mobile
Water Resources Conference, CE:Apr 65:50
- PEURIFOY, R. L.**
Electric Controls for Laying Smooth Pave-
ments, CE:Sep 65:56
Lateral Pressure of Concrete on Formwork,
CE:Dec 65:60
- PINELLO, NICK**
Colorado--70-ft Underpass of Corrugated Steel
Pipe for Broadmoor Hotel, Colorado Springs,
CE:Nov 65:84
- PITTELKO, HARVEY P.**
Vertical Forces in the Alaska Earthquake of
March 1964, CE:Jan 65:56
Dsc: Harold C. Smith, CE:Mar 65:62
- PLANTEMA, IR G.**
The Netherlands--Rotterdam's Rapid Transit
Tunnel, CE:Aug 65:34
- POIROT, JAMES W.**
Alaska--Utilities for a Relocated Town in
Valdez, CE:Mar 65:50
- POPPINO, ALLEN G.**
Dsc, Nov 65:99, comment on ASCE leadership
in quality control
- POSEY, C. J.**
Are Flood-Plain Regulations Sound?,
CE:Jun 65:68
- PRENTICE, WILLARD J.**
Dsc, CE:Dec 65:72, on Do You Know That
Item on 11 engineers in Congress, CE:Oct 65:42
- PRICE, JAMES T.**
Flow-Induced Vibrations--Experience of TVA
with Hydraulic and Other Structures, CE:Apr 65:
61
- QUIRIN, EDWARD J.**
The American Consulting Engineer Abroad,
CE:Mar 65:45; Apr 65:54; May 65:60
- REINSCHMIDT, KENNETH F.**
See William A. Little, CE:Aug 65:71
- REITZ, HENRY M.**
Foundations on Fissured Limestone--How They
Were Selected, CE:Sep 65:52
- RIBBLE, GEORGE E.**
Graphical Method for Discounting Future
Benefits in Feasibility Studies, CE:Nov 65:86
- ROBERTS, DONALD F.**
Dsc, CE:Nov 64:71, on "Guam Typhoon Tears
Out Hospital Windows," CE:Jul 64:56
Dsc: James W. Darling, CE:Mar 65:63
- ROBINS, THOMAS M.**
Honorary Member dies, CE:Aug 65:90
- ROBINSON A. R.**
Simplified Method for Corrections for Parshall
Flumes under Submerged Conditions, CE:Sep 65:
75
- ROSENKOETTER, G. E.**
Symposium, Continuing Education--Whose
Responsibility? --the Role of the Local Section,
CE:May 65:96
- ROTHENBERG, RONALD**
See Alfred R. Pagan, CE:Apr 65:68
- ROWE, R. ROBINSON**
Retires after 25 years as columnist for CIVIL
ENGINEERING, CE:Jan 65:91
- RUFFIN, J. V.**
Steel Offshore Towers as Navigation Aids,
CE:Nov 65:72
- RUTLEDGE, PHILIP C.**
Apollo--a Trip to the Moon--symposium,
(3) Vehicle Assembly Building--Design of
Foundations, CE:65:50
- RYDER, E. M. T.**
Dsc, CE:Apr 65:80, on "Apollo--a Trip to the
Moon," CE:Jan 65:42
- SANGSTER, W. M.**
Dsc, CE:May 65:72, favoring the ASCE
specialty conference
- SAWYER, ROBERT**
Utah--Lift Slabs (in Salt Lake City) Cast under
Plastic Cover for Raising in Spring, CE:
Jul 65:42
- SEABORG, GLENN T.**
Wins 1965 Washington Award, CE:Mar 65:43
- SCHNELLER, FRANK**
Interstate = Benefits (Lives + Dollars), CE:
May 65:33
- SHANK, W. H.**
The Amazing Pennsylvania Canals, CE:Jan 65:
66
- SHAW, JOHN A.**
Understanding the Corrosion Resistance of
Concrete Pipe, CE:Jun 65:39
- SHAW, J. D.**
See S.D. Alpert, CE:Feb 65:52
- SMITH, HAROLD C.**
Dsc, CE:Mar 65:62, of "Vertical Forces in
the Alaska Earthquake," CE:Jan 65:56
- SMITH, RAYFORD B.**
Design Charts for Symmetrically Haunched Mem-
bers, CE:Aug 65:72
- SMITH, THORTON E.**
Dsc, CE:Sep 65:74, of "The Dilemma of the
Professional Engineer," CE:May 65:37
- SNOW, BAYARD F.**
Dsc, CE:Aug 65:74, of "A Lawyer Looks at
Stream Pollution," CE:Apr 65:44
Dsc, CE:Oct 65:81, on the professional life of
an engineer
- SOMERVILLE, J. C.**
Dsc, CE:Nov 65:99, on dsc of professional
engineer exams, CE:Aug 65:75
- SPINDEL, PAUL D.**
Stadia--an Automatic Data Input Assembler for
Topographic Surveys, CE:May 65:51
- STAHL, FRANK**
See Milton Brumer, CE:Oct 65:76
- STEINBRUGGE, JOHN**
Improved Inspection on the West Coast, CE:
Oct 65:79
- STEPHAN, DAVID G.**
Water Renovation--Some Advanced Treatment
Processes, CE:Sep 65:46
- STEWART, GEORGE C.**
Dsc, CE:Jul 65:76, on "Jackson, Miss. in 2039
A.D.," CE:Apr 65:59
- TALBOT, DOUGLAS W.**
Municipal Engineering Is a Profession,
CE:Apr 65:57
- TEDESKO, ANTON**
Apollo--a Trip to the Moon--symposium,
(2) Design of the Vehicle Assembly Building,
CE:Jan 65:45
Dsc, CE:Oct 65:81, on excellence of Dr.
Casagrande's speech for second Terzaghi
Lecture
- TESTIN, G. D.**
Combination Water Systems for High-Rise
Buildings, CE:Apr 65:65
- TEZCAN, SEMIH S.**
Minimum Base Lengths for Cantilever Re-
taining Walls, CE:Oct 65:84
- THAYER, SYLVANUS**
Elected to Hall of Fame, CE:Dec 65:52
- THEOPHIL, C.**
See M.M. Braverman, CE:Apr 65:64
- THOMASSON, J. E.**
Dsc, CE:Aug 65:75, of PE examinations
Dsc: J.C. Somerville, CE:Nov 65:99
- TODD, DAVID K.**
Nuclear Craters for Water Resources Develop-
ment and Management, CE:Jun 65:64
- TROXELL, G. E.**
Prestressed Lift Slabs Withstand Fire,
CE:Sep 65:64
- TSCHEBOTARIOFF, GREGORY P.**
Dsc, CE:Apr 65:80, of "Engineering
Education--from the Practitioner's View-
point," CE:Feb 65:58
- TSERN, JOHN F.**
Dsc, CE:May 65:74, of "The Triangular Bar
Chart," CE:Nov 64:67
- TYER, ARNOLD J.**
Arkansas--Sludge Burning at North Little
Rock, CE:Mar 65:54
- WALKER, W. H.**
Dsc, CE:Nov 65:99, of Do You Know That item
on shortage of highway engineers, CE:Aug 65:27
- WALSH, ROBERT J.**
New York--Linseed-Oil Protection for New
York State Thruway Bridges, CE:Jul 65:39

WALSH, M. P.

Corr: CE:Mar 65:64, of News Brief item on orthotropic bridge across Mississippi at East St. Louis, CE:Dec 64:89

WARD, JOSEPH S.

Dsc, CE:Feb 65:69 of "The triangular bar chart," CE:Nov 64:67

Engineering Education--from the Practitioner's Viewpoint, CE:Feb 65:58

Dsc: M.D. Morris, CE:Apr 65:80; G.P. Tschebotarioff, Apr 65:80

Starting Your Own Consulting Practice--Business and Finance, CE:Jan 65:53

WARTUR, M. HARRY

Dsc, CE:Oct 65:80, of "Arbitration in Engineering and Construction," CE:Jul 65:60

Dsc, CE:Nov 65:99, of "Contracting Conditions and Construction Quality," CE:Aug 65:53

WEBER, ARTHUR W.

The Dilemma of the Professional Engineers' Licensing Program, CE:May 65:37

Dsc: Thornton Smith, CE:Sep 65:74

WEINBERG, BERTOLD E.

Dsc, CE:Aug 65:75, of Construction Division Conference on Quality Control

WENGROVITZ, SEYMOUR

New Trends in Fallout Protection, with Gordon W. Hirtle, CE:Jul 65:47

WESTFALL, HERBERT C.

Dsc, CE:Jun 65:72, of "Airports and Rapid Transit Systems," CE:Apr 65:38

WIECHMAN, HOWARD C.

Concrete Need Not Hibernate, CE:Nov 65:78

WILLIAMS, GORDON R.

Dsc, CE:Mar 65:62, of "Cycles in Hydrologic Data," CE:Jan 65:70

WILLIAMS, RICHARD F.

Dsc, CE:Oct 65:81, on the need to provide for 2-wheeled vehicles on highways

WISELY, WILLIAM H.

Continuing Education, CE:Feb 65:31

Interprofessional Relations, CE:Aug 65:33

Dsc: Victor W. Buhr, CE:Nov 65:98; Sergei N. Grimm, Nov 65:99; John A. Logan, Nov 65:99

Letter to "Barron's" defending Interstate

Highway System, CE:Jan 65:86

Membership Promotion in ASCE, CE:Jun 65:35

Dsc: Fred Camp, CE:Aug 65:75

Product Endorsement by Engineers,

CE:Apr 65:41

Reappointed to N.Y. State Health Council,

CE:Jun 65:79

WOLF, ARTHUR J.

Dsc, CE:Dec 65:72 on the expanding field of rapid transit engineering

YOUNG, BEN W.

See T.Y. Lin, CE:Jul 65:56

ZANONI, HERMAN P.

Collective Bargaining for Municipal Engineers, CE:Sep 65:50

